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FLIGHT PERIOD(S) OF THE LARGER SPECIES OF MOTHS (MACROLEPIDOPTERA) THAT OCCUR IN WESTERN NEW YORK

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*The female (above) and male adults of the tomato hornworm, Manduca quinquemaculata (Haworth)
The female is positioned ahead of the male to emphasize that he, downwind, is attracted to her by the
sex attractant (pheromone) she emits.*

This is the actual size of the moths, not an enlarged view of them.

including contributions by Dr. J. G. Franclemont of the Department on Entomology at Cornell University.

This is the second and final report on this project. The first one, published in 1981 (1), was limited to recording the results obtained on 45 members of the family *Noctuidae* whose larvae feed on vegetable and field crops. Summary information is reported here on all of the 676 members of the Macrolepidoptera collected. The flight period(s) of each species of our study group was determined through the use of electric light traps. These were visited daily from mid-April to mid-November and the moths trapped in them were collected alive into HCN killing jars and taken to the laboratory for sorting out to species. Initially we did not know, or were uncertain about the identity of some species collected; but eventually, we took samples of these to Dr. Franclemont for naming.

It has long been known to man that night-flying insects are attracted to fires and artificial lights. In support of this claim, Du Chanois (4) discovered a reference dating back to 450 B.C. It involved the Greek poet, Aeschylus, who, in his Fragments 288, wrote of "the fate of the moth in the flame." Then Frost (5) found this statement attributed to King Sudraka, who, in 400 A.D., referred to how "the moth hovers round the wick and extinguishes the flame." It seems probable that persons unknown saw how insects were attracted to fires and other lights much earlier than either of the two foregoing persons, but they **recorded** their observations.

In more recent times, fires were actually used to attract and kill insects in an attempt to control species of economic importance. In the United States, for example, Harris (6) published an article in 1821 entitled *On the Mode of Destroying Moths*. What he advised doing was to use **small**, rather than the commonly used **large** fires, for this purpose.

In 1902, Slingerland (13) reported that around 1850 some cotton growers in the United States started using a kerosene-burning lantern to trap the cotton leafworm (*Alabama—argillacea*) and other cotton pests. The lantern used for this purpose was mounted on a box or similar elevated wooden platform and a sticky substance was then added around the base of the lantern to trap and kill the moths. While cotton growers were ahead of other American farmers in using light traps, it was not long before fruit and vegetable and field crop growers in the northern states got involved, too. In fact, several of them here developed more sophisticated traps of which some were patented. In view of the general interest that had developed in light-trapping, Slingerland finally decided to conduct a survey of the species collected in them. For, as he wrote: "the most important question to answer is: **not how many, but what kinds of insects are caught?**" The trap Slingerland used is illustrated in Figure 1. It consisted of a kerosene-burning lantern mounted on a brick in a tin pan. After mounting this assemblage on a small wooden platform on top of a post, water and a film of kerosene (the killing agent) were added to the pan.

After Slingerland started using his traps, he soon learned he had become involved in a much larger task than he probably had envisioned. For, as he wrote: "one can scarcely realize the vast amount of labor involved in the careful preservation, determina-

tion and tabulation of the quarts of miscellaneous, oily and often-rubbed and mutilated species of insects captured in a trap lantern run every night." Slingerland operated six of his traps in 1882, and one in 1892. The information he obtained in this effort was not published, however, until 1902 (13). Although Slingerland had obtained valuable survey information in his trapping efforts, he obviously was disappointed in the results he obtained with them as a control measure for pestiferous species. Here is what he wrote: "We have been unable to glean enough definite evidence from our experiments and those of others to warrant anyone in recommending trap lanterns as the best method for controlling injurious insects, and it is very doubtful if they can even help enough to pay for the trouble and expense of running them."

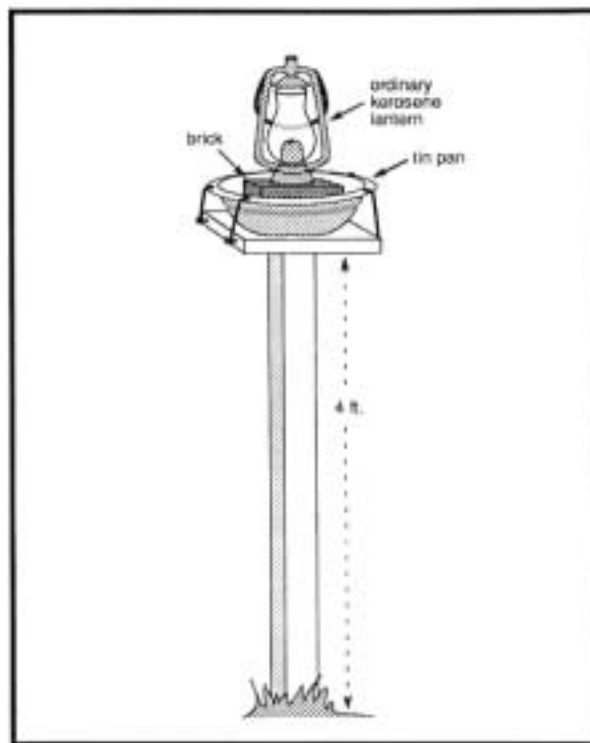


Figure 1. Slingerland's kerosene light trap

At this juncture, reference should be made to one interesting and three interesting **and important** contributions to light-trapping. First, Clemens (2) reported that gas-burning village street lights provided good collecting sites for night-flying insects. The next three workers made their contributions in the 1880's. The first of these was Lubbock (9). In 1882, he reported that "ants are not sensitive to the ultrared rays, but on the other hand, they are very sensitive to the ultraviolet rays which our eyes cannot perceive." This proved to be a very important finding. Its validity was confirmed by a large amount of research conducted by others in the years that followed. Next, Riley (11, 12), in 1885 and in 1892, is credited with having made the first **recorded** report on the use of electric lights for the collection of night-flying insects. And finally, McNeill (10), in 1889, is believed to have produced the first effective electric light insect tran.

Hienton (7) published a 132-page bulletin in 1974 providing a summary of investigations that had been made up to this date on the use of electric light insect traps. He provided discussions of this subject under the following headings: Electromagnetic radiation and insect response; General types of electric insect traps; Development of light traps for insect surveys; Electric insect trap studies on economic species (covers slightly more than half of the text); and, Conclusions and Recommendations. First, he confirmed Lubbock's (9) basic finding that a great many species of insects are attracted to ultraviolet light. It lies in the 320 to 380 nanometer range of the electromagnetic spectrum. Many insects are also attracted to light visible to man, which lies in the range of 380 to 760 nanometers. Traps employing ultraviolet light became widely used and acquired the common name of "**the black light trap.**" On the effectiveness of light traps to control insects of economic importance, Hienton wrote that "Light traps offer **promise** of suppressing insect populations when the traps are used alone or in an integrated-control program planned to reduce the required number of pesticide applications or to provide more effective control measures." One might conclude from the foregoing statement that he thought light-trapping was more a secondary than a primary pest-control agent. However this may be, taxonomists and those conducting insect survey studies like the present one, became strong supporters of electric light trapping. They not only provided means for collecting a wide range of species but they found that walk-in traps could be constructed enabling one to collect the moths alive into HCN killing jars. This provided specimens in good condition for both identification and reference collections.

Our Trap

On the recommendation of Dr. Franclemont we used two light sources in our traps: a 30-watt General Electric T8 black light lamp and a frosted 60-watt incandescent lamp. On the purpose served by the incandescent lamp, Franclemont observed that: "Our experience in Arizona indicates that the geometrids especially appear to be attracted more readily to light in the yellow-to-red range of the spectrum. We have assumed that this may be true for some members of other groups. Consequently, I have juxtaposed an incandescent lamp with the blacklight tube." The trap we used is illustrated in Figure 2.

It consisted of a 4 x 4 x 7 ft. walk-in screened cage equipped with a plywood ceiling. The lights were mounted on top of the cage with the blacklight tube positioned at the center of four galvanized iron baffles. The incandescent light bulb was anchored on top of the structure. We found that $\pm 90\%$ of the trapped insects occurring on the screened walls of our cage were **moths**.

Our traps were located at three ecologically diverse and widely separated sites. The most important of these was the one located on one of the Station's vegetable research farms. It was called the VF trap. Records were taken here for five years (1974-1978). The second, or PP trap, was located about seven miles

north of the Station in the Pine Plains District. Records were taken here for three years (1975-1977). The third, or DD trap, was placed about 14 miles south of the Station, near Dresden. We used this trap only in 1978.



Figure 2. Walk in light trap

In Table 1, we record the number of species of woody plants occurring in the immediate vicinity of each trap, the relative importance of each plant, and whether or not a vegetable garden was present. In view of the differences found in the plant species occurring at each site, were similar differences found in the species of moths collected in each trap? An answer to this question is found in the summary data provided in Table 2. Of special interest here is the number of species collected exclusively in each trap.

TABLE 1. Woody plants (and plantings of vegetable crops) occurring near our light trap sites.

I. Vegetable research farm (VF trap)			
	Primary	Secondary	Occasional
	Maple Vegetables	Black locust Oaks Poplar	Ash Willows
II. Pine Plains (P.P. trap)			
	Primary	Secondary	Occasional
	Austrian pine Red oak Red pine White pine	Beech Poplar Sassafras Sumac Maple Vegetables	Dogwood Cedar Spruce Cherry White oak Willow Grape Witch hazel Yellow Birch
III. Dresden (DD trap)			
	Primary	Secondary	Occasional
	Black walnut Hickory	Black locust Oaks Sumac	Ash Basswood Pines

TABLE 2. Number of species of moths collected and number collected exclusively in each trap.

Trap	No. years used	No. species collected	No. collected only in each trap
VF	5	528	44
PP	3	607	104
DD	1	379	16

We elected to include some light trap records obtained at two other sites. In both instances, however, only a single species was involved - the corn earworm and the gypsy moth. For the former species, we decided to combine the records obtained by a colleague, Dr. A. C. Davis, on a Station vegetable research farm other than the one where our VF trap was placed. By so doing, we can provide eight consecutive year records on this important species at essentially the same site. Now, in regard to the gypsy moth, as

our records show we obtained only two specimens of this species over 5 years in our VF trap; three specimens in our PP trap over three years; and three specimens for one year in the DD trap. Since this species was reported to occur at the local Girl Scouts Bayberry campsite, we decided to place a trap there in 1983. We collected 15 specimens that year. While this catch was meager too, it does indicate that this species is "on the wing" in our study area between about July 24 to August 22, peaking between 7/27 to 8/4.

The publication we used in presenting our records was: the "Lepidoptera of America North of Mexico" (8). It was prepared by a Committee chaired by R. W. Hodges. Dr. Franclemont was one of the six other members of this committee. Each of 11,233 species of the Lepidoptera included in this publication was assigned a number. The numbers covering the Macrolepidoptera ranged from 6,235 to 11,233. Since the species of our study group comprised slightly less than 14% of the Macrolepidoptera, the numbers we are using obviously do not occur in consecutive order.

The flight period(s) of each species was recorded either in the form of a table or as a brief statement. The key number used was 30. Thus, if the catch was larger than 30, it was reported in tabular form; if 30 and smaller, as a statement. We are using two indexes. One is based on the scientific names of the species; the other, on the "official" common name assigned to a species by the Entomological Society of America. Only 78 of our species have received common names (3).

Over the years 1974-1978 approximately 10,000 specimens of the moths collected in our light traps, annually, were saved mostly as pinned and spread specimens. In 1989, we decided to establish a permanent reference collection out of the foregoing specimens. This task was assigned to the junior author, D. R. Webb, who completed it in 1990. He used only about 40% of the original collection for this purpose.

SUMMARY

Our trap records have established whether a given species is indigenous to our study area or is either an annual or only an occasional migrant to it. Most of our species occur in the first category. But some important pestiferous species like the armyworm, corn earworm, cabbage looper and others occur among the annual migrants. The occasional migrants, like the cotton leafworm, are of interest, primarily, because of the distance they have to travel to reach us. The number of generations produced annually by each indigenous species ranges from one (most commonly) to two or even three. The flight period of the single generation species includes some whose flight period, of several weeks, may start in March, while at the other extreme, are species which are active in egg-laying into November.

As shown in Table 2, the largest number of species was collected in our PP trap with the VF trap second, and the DD trap third. These differences are attributed to the number of food plants occurring at each site, and not only the woody plants, named in Table 1, but the unnamed non-woody species also present. The PP trap was located at a site between a low, swampy area and a higher, dry area. Obviously, this provided conditions for the presence of a wide range of food plants.

Since we purposely selected three ecologically diverse sites, it seems probable that we may have approached finding the **total** numbers of Macrolepidoptera occurring in our study area.

And a final observation. Some readers of our present report may wonder if records taken in 1974-1978 are "out of date" in 1991. Actually, basic biological information like the present is virtually ageless.

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FLIGHT RECORDS OF EACH SPECIES OF OUR STUDY GROUP

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including contributions by Dr. J. G. Franclemont of the Department of Entomology at Cornell University.

Thyatiridae

6235 *Habrosyne scripta* (Gosse, 1840)

VF 1974 first m 6/9 last m 6/20 -total 7. 6/5 /75 1 m. 6/5/77 1 m. 1978 first m 6/10 last m 6/16 -total 2.

PP 1975 first m 6/9, last m 6/28-total 4., 6/16 /771 m.

6237 *Pseudothyatira cymatophorides* (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/9	7/1	5/14			6/13	6/30	7/11 5/27
10	-	-	-			-	-	- -
50	7/4	7/7	7/8			6/24	7/10	- 7/2
90	7/22	-	-			-	7/17	- -
Last	7/26	7/18	7/18			7/7	7/19	- 7/29
Numbers collected								
	13	3	7			5	17	1 5

6240 *Euthyatira pudens* (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First			4/30	6/20	4/17		4/11	6/6
10			-	-	-		-	-
50			5/4	-	4/18		4/13	-
90			5/17	-	-		4/20	-
Last			5/19	-	4/19		4/21	6/25
Numbers collected								
			16	2	4		20	2

Drepanidae

6251 *Drepana arcuata* Wik., 1855

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/22		5/17		4/21		5/28
10			-		-		5/17		-
50			5/30		5/31		5/22		-
90			-		-		5/31		-
Last			6/5		6/2		6/14		6/8
Second Generation									
First	8/2	7/15	7/7		7/17		7/5	8/14	
10	-	-	7/10		7/21		7/8	-	
50	-	7/20	7/29		8/7		7/19	-	
90	-	-	8/13		8/16		7/29	-	
Last	-	8/1	8/24		8/31		9/2	8/18	
Numbers Collected									
1st gen.	-	-	5		3		28	-	2
2nd gen.	1	4	15		16		109	2	-

6253 *Eudeilinia herminata* (Gn., 1857)

VF 7/20/75 1 m. 8/29/77 1m. PP 1977 first m 5/7 last m 5/25-total 10.

6255 *Oreta rosea* (Wik., 1855)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/15	6/2		6/17	6/1	5/24		6/12
10		-	-		-	-	-		-
50		-	6/15		6/25	6/27	6/18		6/17
90		-	7/4		-	-	-		-
Last		7/18	7/19		6/30	7/20	6/30		7/4
Second Generation									
First	8/17	7/29	7/30	8/6	7/31		7/29	8/2	7/28
10	-	-	-	-	8/2		-	-	-
50	-	8/1	8/12	8/21	8/23		8/16	8/6	8/6
90	-	-	8/30	8/28	8/29		8/13	-	8/8
Last	-	8/13	9/12	9/1	9/2		9/15	8/25	8/9
Numbers Collected									
1st gen.	-	2	12	-	11	3	6	-	3
2nd gen.	1	4	12	9	19	-	17	6	8

Geometridae

6258 *Alsophila pometaria* (Harr., 1841) fall cankerworm

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	10/31	10/13	10/28				11/1		11/1
10	-	10/23	11/2				-		-
50	-	11/4	11/9				-		-
90	-	11/25	11/13				-		-
Last	11/4	11/26	11/14				11/15		11/14
Numbers collected									
	2	25	50				7		2

6261 *Heliomata cycladata* G. & R., 1866

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/5		5/26	7/29			5/17	7/27	5/26
10	-		-	-			-	-	-
50	-		6/18	-			6/16	-	5/27
90	-		-	-			6/24	-	-
Last	-		7/14	-			7/11	-	6/25
Numbers collected									
	1		14	1			22	1	4

6270 *Protitame virginalis* (Hulst, 1900)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		5/29	5/22		5/18		5/6		6/2
10		-	-		5/26		5/17		-
50		-	6/4		6/11		5/23		-
90		-	-		7/7		6/15		-
Last		-	6/22		7/11		6/27		-
Second Generation									
First			7/19		8/3	8/11	7/21		
10			-		8/6	-	7/22		
50			7/27		8/14	-	8/9		
90			8/22		8/24	-	-		
Last			8/23		8/31	8/29	8/18		
Numbers Collected									
1st gen.		1	14		21	-	57		2
2nd gen		-	13		22	2	15		-

6273 Itame pustularia (Gn., 1857)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/2	6/24	5/27	7/3	6/26	7/4	6/24	7/9	6/24
10	-	6/27	6/25	-	7/7	7/9	7/3	7/12	-
50	8/17	7/31	7/7	-	7/11	8/4	7/28	7/24	7/7
90	8/28	-	8/6	7/28	7/26	8/11	8/13	9/7	-
Last	9/9	8/6	8/27	8/29	8/31	8/14	9/12	9/19	8/16
Numbers collected									
	13	20	86	51	659	21	161	18	4

6274 Itame ribearia (Fitch, 1848)

currant spanworm

PP 7/5/76 1 m.

6278 Itame evagaria (Hulst, 1900)

VF 6/20/74 1 m.

6279 Itame occiduaria (Pack., 1874)

VF 1976 first m 6/16, last m 6/24-total 3.

6292 Itame exauspicata (Wlk., 1861)

PP 7/3/75 1 m.

6299 Itame coortaria (Hulst, 1887)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/23	7/9		7/2	7/27	6/24	7/5	7/1
10		-	-		-	-	-	-	7/2
50		-	7/22		-	-	7/26	7/13	7/15
90		-	-		-	-	-	-	-
Last		7/7	7/30		7/11	-	7/28	7/19	7/31
Numbers collected									
		2	3		2	1	9	5	15

6326 Semiothisa aemulataria (Wlk., 1861)

VF 8/1/75 1 m. **PP** 1975 first m 5/23 last m 7/28-total 4. 1976 first m 6/3 last m 7/23-total 5. 1977 first m 5/20 last m 6/17-total 4. **DD** 5/28/78 1m.

6336 Semiothisa distribuaria (Hubn., 1825)

PP 6/19/77 1m.

6340 *Semiothisa minorata* (Pack., 1873)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/15		5/6		5/17		
10			-		-		-		
50			6/18		6/9		5/23		
90			-		-		6/4		
Last			7/19		6/14		6/16		
Second Generation									
First			8/3		7/25		7/19		
10			-		-		-		
50			8/6		8/9		8/5		
90			-		8/24		8/21		
Last			8/25		9/7		9/1		
Numbers Collected									
1st gen.			5		14		9		
2nd gen			4		12		7		

6341 *Semiothisa bicolorata* (F., 1798)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/25		6/22		6/14		
10			-		6/23		6/29		
50			7/1		7/11		7/11		
90			8/24		7/22		7/19		
Last			9/6		8/15		9/13		
Numbers collected									
			22		19		77		

6342 *Semiothisa bisignata* (Wlk., 1866)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/15		5/22	7/3	5/31		5/18		
10	-		6/1	-	6/14		6/14		
50	-		7/9	7/6	7/19		7/14		
90	-		8/7	-	8/8		8/6		
Last	9/14		9/9	7/15	9/17		9/1		
Numbers collected									
	2		43	3	59		102		

6343 *Semiothisa sexmaculata* (Pack., 1867)

VF 8/4/77 1 m. PP 1975 first m 5/21 last m 8/14-total 10. 1976 first m 6/11 last m 8/7-total 3. 1977 first m 5/21 last m 7/29-total 8.

6344 Semiothisa signaria (Hbn., 1800-09)

PP 6/23/75 1 m.

6347 Semiothisa pinistrobata Fgn., 1972

VF 7/13/78 1 m. PP 1975 first m 6/27 last m 7/9-total 2. 1977 first m 5/24 last m 8/26-total 8.

6348 Semiothisa fissinotata (Wlk., 1863)

VF 6/20/75 1m. 9/1/77 1 m.

6352 Semiothisa granitata (Gn., 1857)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/17	5/20		5/11		5/1		
10		-	-		5/16		5/17		
50		-	5/25		6/10		6/4		
90		-	5/31		7/2		6/14		
Last		-	6/16		7/8		6/28		
Second Generation									
First	7/15	8/1	7/2		7/23		7/12		
10	-	-	7/4		7/29		-		
50	-	-	8/7		8/12		7/19		
90	-	-	8/26		-		7/24		
Last	-	-	9/3		9/7		7/25		
Numbers Collected									
1st gen.	-	1	11		32		21		
2nd gen	1	1	19		20		9		

6361 Semiothisa orillata (Wlk., 1863)

DD 1978 first m 6/11 last m 8/19-total 2.

6386 Semiothisa ocellinata (Gn., 1857)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/23		6/1				5/21		5/31
10	-		-				-		-
50	-		-				6/11		6/3
90	-		-				-		-
Last	-		7/3				6/16		6/11
Second Generation									
First	7/29	7/17	7/22		7/22		7/11	7/13	7/7
10	-	-	-		-		-	-	-
50	8/8	8/1	9/2		8/2		7/20	7/28	7/20
90	-	-	-		-		9/5	-	8/26
Last	9/7	8/2	9/8		8/23		9/10	8/6	8/27
Numbers Collected									
1st gen.	1	-	2		-		3	-	4
2nd gen	4	3	5		6		19	5	19

6397 Semiothisa mellistrigata (Grt., 1873)

PP 7/3/75 1 m. 7/26/77 1 m. DD 6/17/78 1 m.

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6405 Semiothisa gnophosaria (Gn., 1857)

VF 1976 first m 5/11 last m 7/3-total 2. PP 7/7/76 1 m. 5/22/77 1 m.

6582 Anacamptoides vellivolata (Hulst, 1881)

PP 5/24/75 1 m.

6583 Anacamptodes ephyraia (Wlk., 1860)

PP 7/10/75 1 m. 7/17/76 1 m. 1977 first m 7/5 last m 7/27-total 3.

6584 Anacamptodes humaria (Gn., 1857)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/15	5/13	5/13		4/15		4/19	5/24	5/17
10	-	-	-		-		-	-	-
50	-	-	5/20		4/17		4/21	-	5/19
90	-	-	5/25		5/5		-	-	-
Last	-	-	6/23		5/6		5/3	-	6/1
Second Generation									
First	7/22		7/1		6/28		8/10	7/20	7/17
10	-		-		-		-	-	-
50	-		7/22		7/17		-	7/21	7/27
90	-		8/27		7/25		-	-	-
Last	8/8		9/3		8/1		-	8/2	7/31
Numbers Collected									
1st gen.	1	1	17		14		10	2	3
2nd gen	2	-	10		12		1	3	7

6590 Anavitrinella pampinaria (Gn., 1857)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/27		5/12		5/6	4/19	4/21		5/23
10	-		5/20		5/16	-	5/1		5/24
50	5/29		5/27		6/1	-	5/21		5/30
90	-		6/6		6/15	-	6/10		6/16
Last	6/5		6/13		6/23	6/16	6/24		6/28
Second Generation									
First	8/4	8/2	7/7		7/4	8/10	6/28		7/14
10	-	-	7/11		7/20	-	7/16		7/21
50	8/10	-	7/24		8/2	-	7/29		7/30
90	-	-	8/27		8/30	-	8/14		8/19
Last	8/20	-	9/25		8/31	8/29	9/8		9/24
Numbers Collected									
1st gen.	4	-	57		34	2	70		60
2nd gen	8	2	69		89	2	127		96

6597 Ectropis crepuscularia (D. & S., 1775)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/23	5/3	4/30	4/18	4/15		3/30		
10	-	-	-	-	-		-		
50	-	-	5/1	5/23	4/18		4/13		
90	-	-	-	-	-		5/23		
Last	4/29	5/13	5/18	5/30	5/26		5/31		
Second Generation									
First	7/4	6/22	6/25	7/15	6/26		6/23	7/7	6/26
10	-	-	-	-	-		-	-	-
50	7/5	6/26	6/28	-	6/30		7/4	-	7/7
90	-	-	-	-	7/8		8/13	-	-
Last	7/27	9/20	9/17	-	9/4		9/26	-	7/9
Numbers Collected									
1st gen.	2	2	4	3	5		10	-	-
2nd gen	8	5	7	1	10		13	1	3

6598 Protoboarmia porcelaria (Gn., 1857)

DD 1978 first m 6/26 last m 7/7- total 7.

6599 Epimecis hortaria (F., 1794)

VF 6/20/76 1 m. PP 1975 first m 5/22 last m 6/20-total 8. 5/19/76 1 m. 5/24/77 1 m.

6620 Melanolophia canadaria (Gn., 1857)

VF 6/22/74 1 m. PP 1976 first m 5/6 last m 6/10-total 14.

6621 Melanolophia signataria (Wik., 1860)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First		5/13	5/13		4/18		4/20	
10		-	5/15		-		-	
50		-	5/21		5/16		5/18	
90		-	5/31		-		5/30	
Last		6/26	6/1		5/17		5/31	
Numbers collected								
		2	42		3		10	

6638 Eufidonia notataria (Wik., 1860)

VF 6/7/74 1 m. 6/2/75 1 m. PP 5/31/75 1 m.

6640 Biston betularia (L., 1758)
pepper-and-salt moth

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/25	5/14	5/18	6/11	5/18	6/19	5/21	5/30	5/31
10	-	-	-	-	-	-	-	-	-
50	6/19	6/13	6/8	-	6/16	-	6/28	-	-
90	7/3	-	6/27	-	-	-	7/13	-	-
Last	7/7	6/15	7/7	6/29	6/28	6/27	7/14	-	6/6
Second Generation									
First	8/2	8/14	8/14		8/23		8/2		
10	-	-	-		-		-		
50	8/25	-	-		-		8/9		
90	-	-	-		-		-		
Last	8/26	8/18	-		8/26		8/13		
Numbers Collected									
1st gen.	13	3	14	2	4	2	10	1	2
2nd gen	8	2	1	-	2	-	3	-	-

6651 Lycia ursaria (Wlk., 1860)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/22	4/29	4/24	4/15	4/15	3/30	4/11	4/28	4/26
10	-	-	-	-	-	-	-	-	-
50	-	-	4/28	4/17	4/16	4/11	4/12	-	-
90	-	-	-	-	-	-	4/18	-	-
Last	4/28	-	4/30	4/18	4/17	4/15	4/19	5/7	4/30
Numbers collected									
	2	1	10	3	6	4	8	3	2

6654 Hypagyrtis unipunctata (Haw., 1809)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/10		6/6	6/23	6/17		5/24		6/16
10	-		-	-	6/19		-		-
50	-		6/30	-	6/26		6/5		6/30
90	-		7/5	-	7/5		6/15		7/7
Last	-		7/6	6/30	7/7		6/18		7/10
Second Generation									
First			7/25		7/18		8/10		
10			-		-		-		
50			8/10		8/18		8/12		
90			-		-		-		
Last			8/24		8/27		9/12		
Numbers Collected									
1st gen.	1		10	2	16		8		7
2nd gen	-		6	-	5		3		-

6658 Phigalia titea (Cram., 1782)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			4/24	4/14	4/15	3/29	3/28		4/18
10			-	-	-	-	-		-
50			4/25	4/17	4/16	3/30	3/30		-
90			5/2	-	4/18	-	4/13		-
Last			5/3	4/19	4/19	4/12	5/10		5/6
Numbers collected									
			8	4	46	23	131		2

6660 Phigalia strigataria (Minot, 1869)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/22	4/19	4/24	4/14	4/15	3/13	4/29	5/12	4/18
10	-	-	-	-	-	-	-	-	-
50	-	-	5/1	4/17	4/17	-	4/30	-	-
90	-	-	5/18	-	4/19	-	5/12	-	-
Last	4/28	5/2	5/24	5/5	4/24	4/21	5/20	-	4/19
Numbers collected									
	5	2	24	7	21	2	66	2	2

6662 Paleacrita vernata (Peck, 1795)

spring cankerworm

VF 5/2/75 1 m. 4/15/76 1 m. 1977 first m 3/12 last m 5/13-total 2. 1978 first m 4/12 last m 5/7-total 2. PP 1975 first m 4/29 last m 5/9-total 2. 1976 first m 4/14 last m 5/26-total 2. 1977 first m 3/29 last m 4/22-total 6.

6665 Erannis tiliaria (Harr., 1841)

linden looper

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	10/29	10/9	10/8	10/24	10/14		5/10		10/25
10	10/30	10/22	10/23	-	10/23		10/28		-
50	10/31	10/29	10/29	-	10/31		11/2		10/28
90	11/2	11/6	11/5	-	11/4		11/8		-
Last	11/10	11/10	11/12	11/3	11/14		11/9		10/30
Numbers collected									
	344	223	928	8	50		31		9

6667 Lomographa vestaliata (Gn., 1857)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First	6/8	5/25	5/4		5/18	6/5	5/22	5/27
10	-	-	5/5		-	-	-	-
50	-	-	5/22		6/2	-	5/23	5/29
90	-	-	6/15		-	-	-	-
Last	6/21	5/30	6/22		6/15	-	6/5	6/7
Numbers collected								
	2	2	43		5	1	3	9

6668 Lomographa glomeraria (Grt., 1881)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First			5/4		4/17		4/12	
10			-		4/19		-	
50			5/13		4/22		4/21	
90			5/21		4/26		5/1	
Last			5/22		5/3		5/6	
Numbers collected								
			20		39		13	

6677 Cabera erythemaria Gn., 1857

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First			5/31		6/6		5/24	6/7
10			-		-		5/30	-
50			6/22		6/16		6/14	-
90			6/23		6/27		6/24	-
Last			7/1		7/1		6/30	6/12
Second Generation								
First	8/18	7/13	8/3	8/5	7/28		7/8	7/14
10	-	-	-	-	8/6		7/20	-
50	8/23	8/16	8/7	-	8/18		8/10	-
90	-	-	-	-	8/29		8/14	-
Last	9/8	8/25	8/17	8/21	9/1		9/1	8/14
Numbers Collected								
1st gen.	-	-	10	-	11		25	2
2nd gen	3	3	3	3	21		33	2

6678 Cabera variolaria Gn., 1857

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/7	7/10	5/18		5/17		5/9	7/2	
10	-	-	5/25		5/26		5/21	-	
50	-	-	6/2		6/19		5/28	-	
90	-	-	6/20		6/28		6/17	-	
Last	6/21	7/19	7/4		7/5		6/30	7/19	
Second Generation									
First	8/11	8/1	7/14		7/18		7/13	9/8	
10	-	-	-		8/7		7/22	-	
50	8/14	-	8/8		8/23		8/12	-	
90	-	8/15	8/25		9/3		8/27	-	
Last	8/19	8/25	8/29		9/5		9/12	-	
Numbers Collected									
1st gen.	2	6	108		47		45	2	
2nd gen	3	11	56		60		68	1	

6693 Aprodrepanulatrix liberaria (Wlk., 1860)

PP 1975 first m 9/11 last m 8/26-total 2. 1976 first m 8/5 last m 8/20-total 2.

6720 Lytrosis unitaria (H.-S., 1854)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/3	6/23	6/16	6/20	6/23	6/23	6/16	6/26	6/25
10	-	-	-	-	-	-	-	-	-
50	7/7	-	6/29	6/27	6/28	-	6/30	6/27	7/2
90	-	-	7/8	-	7/1	-	7/5	-	7/8
Last	7/13	-	7/10	7/3	7/2	6/30	7/7	7/6	7/9
Numbers collected									
	3	1	16	5	13	2	9	3	9

6724 Euchlaena serrata (Drury, 1770)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/21	6/23	6/16	6/25	6/15	6/16	6/16	7/1	6/25
10	-	-	-	6/26	6/20	-	6/20	-	-
50	7/9	7/2	7/3	6/30	6/28	7/3	7/7	7/9	7/5
90	-	7/9	7/8	7/8	7/21	7/5	7/14	-	7/15
Last	8/15	7/15	7/14	7/11	7/30	7/7	7/20	7/10	8/13
Numbers collected									
	3	11	48	15	46	12	23	5	14

6725 *Euchlaena muzaria* (Wik., 1860)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/20	6/13	6/1		6/15		5/31	7/18	5/15
10	-	-	6/12		6/17		-	-	-
50	-	6/15	6/16		6/22		6/14	7/21	-
90	-	-	-		6/30		6/19	-	-
Last	-	6/19	6/23		7/31		6/20	7/22	-
Numbers collected									
	1	8	53		26		28	3	1

6728 *Euchlaena effecta* (Wik., 1860)

VF 6/16/77 1m. PP 1975 first m 6/19 last m 7/4-total 6. 1976 first m 6/16 last m 6/27-total 16. 1977 first m 5/22 last m 6/18-total 4.

6729 *Euchlaena johnsonaria* (Fitch, 1869)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/16		6/9		7/1		6/1
10			7/4		7/8		7/4		-
50			7/11		7/17		7/12		-
90			7/19		7/25		7/13		-
Last			8/17		7/31		7/15		-
Numbers collected									
			23		23		15		2

6739 *Euchlaena irraria* (B. & McD., 1917)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/15	6/5				6/5		
10		-	6/7				-		
50		-	6/18				6/12		
90		-	6/21				6/18		
Last		-	6/26				6/19		
Numbers collected									
		2	34				8		

6740 Xanthotype urticaria Swett, 1918

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/9	6/1	5/31	6/10	6/9	5/24	5/23	6/6	6/1
10	-	-	6/5	-	6/14	-	5/31	-	-
50	6/16	6/15	6/16	6/19	6/23	6/4	6/21	6/7	6/10
90	6/22	-	7/2	7/1	7/1	6/25	7/2	6/19	6/22
Last	6/28	6/24	7/14	7/9	7/4	6/26	7/7	6/22	6/25
Second Generation									
First	8/14	7/21	7/19	8/5	8/1	7/19	7/16	7/27	8/1
10	-	7/27	7/27	8/8	8/7	-	7/18	8/1	8/2
50	8/17	8/1	8/11	8/20	8/16	8/7	7/31	8/13	8/7
90	-	8/8	8/18	8/26	8/28	8/19	8/7	8/20	8/15
Last	8/19	8/25	8/26	9/7	8/31	8/20	8/8	8/24	8/24
Numbers Collected									
1st gen.	14	6	45	32	89	11	116	8	38
2nd gen	3	50	44	39	44	12	27	28	43

6743 Xanthotype sospeta (Drury, 1773)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/8	6/12	6/24	5/15	6/27	6/28	6/17	6/12
10		-	6/14	-	6/11	-	-	-	-
50		6/26	6/23	7/3	6/29	-	-	7/5	6/24
90		-	-	-	7/4	-	-	-	6/25
Last		7/1	7/1	7/4	7/8	-	-	7/6	6/29
Numbers collected									
		4	33	3	19	1	1	3	9

6753 Pero honestaria (Wik., 1860)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/17	5/20	5/16	5/1	5/2	5/5	5/10	5/22	5/12
10	5/24	-	5/18	5/12	5/15	5/16	5/17	5/25	5/26
50	7/5	5/21	5/21	5/31	5/22	5/23	5/23	5/30	6/4
90	7/9	-	6/1	6/11	6/8	6/1	5/31	6/17	6/12
Last	7/11	5/27	6/15	6/15	6/18	6/4	6/11	6/21	6/17
Second Generation									
First	7/27	6/23	7/25	7/15	7/22	7/19	7/8	7/27	7/28
10	8/5	-	-	7/30	7/29	7/23	7/23	8/2	8/3
50	8/13	6/24	-	8/7	8/2	7/30	7/31	8/10	8/8
90	8/29	6/29	-	8/16	8/21	8/3	8/3	8/23	8/17
Last	9/28	8/12	8/12	8/26	9/7	8/13	8/16	8/27	8/31
Numbers Collected									
1st gen.	37	5	36	20	85	41	81	42	84
2nd gen	61	9	3	46	101	42	56	79	74

6754 *Pero hubneraria* (Gn., 1857)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/9	5/23	5/13		4/18		5/5		
10	-	-	5/20		-		-		
50	-	5/29	5/25		4/19		-		
90	-	-	5/31		-		-		
Last	-	6/5	6/14		5/18		-		
Second Generation									
First	8/8	8/1	7/16		7/22		7/29		
10	-	-	-		-		-		
50	8/22	-	7/25		7/25		8/5		
90	-	-	8/12		-		-		
Last	8/23	8/3	8/16		8/13		8/11		
Numbers Collected									
1st gen.	1	6	31		6		1		
2nd gen	8	3	14		3		4		

6763 *Nacophora quernaria* (J. E. Smith 1797)

PP 5/5/77 1 m.

6796 *Campaea perlata* (Gn., 1857)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/17	6/7	5/28	6/1	5/21	6/4	5/19	6/11	5/29
10	-	-	6/5	-	5/31	-	5/28	-	6/1
50	-	6/14	6/12	6/16	6/13	6/18	6/12	6/18	6/12
90	-	-	6/15	-	6/23	7/8	6/25	-	6/19
Last	-	6/17	6/29	6/20	6/28	7/14	7/17	6/19	7/12
Second Generation									
First	8/18	8/26	8/17	8/20	7/9	8/9	8/3	8/23	8/19
10	-	-	8/18	8/21	8/20	8/16	8/8	-	8/22
50	9/2	-	8/30	9/1	8/27	8/23	8/23	8/29	8/29
90	-	-	9/2	9/4	9/2	-	9/12	-	9/3
Last	9/13	-	9/3	9/8	9/8	9/3	9/15	9/3	9/4
Numbers Collected									
1st gen.	1	5	45	12	53	9	97	3	79
2nd gen	12	1	18	23	76	16	60	6	20

6797 Ennomos magnaria Gn., 1857

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/1	7/17	6/4	7/31	7/21	8/9	7/22	8/2	8/1
10	8/2	7/20	-	8/1	7/27	-	8/6	8/7	8/15
50	8/28	8/6	8/13	9/26	10/4	9/30	10/1	9/5	10/7
90	10/23	9/11	9/2	10/8	10/15	10/19	10/21	10/12	10/22
Last	11/4	9/24	9/17	10/13	10/21	10/25	10/26	10/21	10/30
Numbers collected									
	37	21	13	23	49	11	35	28	101

**6798 Ennomos subsignaria (Hbn., 1823)
elm spanworm**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		7/8	7/1	7/3	7/5	6/30	6/17		6/6
10		-	-	-	-	-	6/27		7/5
50		7/16	7/3	7/5	7/6	-	7/11		7/14
90		-	7/11	8/2	7/9	-	7/19		7/31
Last		7/17	7/17	8/4	7/11	7/6	8/6		8/13
Numbers collected									
		3	39	8	9	2	26		90

6804 Petrophora subaequaria (Wik., 1860)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/3	5/29	5/15		5/11		5/12		5/23
10	-	-	5/18		-		-		-
50	-	-	5/25		5/26		5/18		-
90	-	-	6/9		-		5/24		-
Last	-	6/18	6/18		6/20		6/10		6/8
Numbers collected									
	1	2	29		7		10		2

6807 Tacparia detersata (Gn., 1857)

PP 1975 first m 5/23 last m 6/20-total 11. 1976 first m 6/1 last m 6/30-total 8. 1977 first m 6/1 last m 6/16-total 4.

6812 Homochlodes fritillaria (Gn., 1857)

VF 6/26/76 1 m. 6/20/77 1 m. PP first m 5/30 last m 7/6-total 15. 1976 first m 6/13 last m 7/2-total 5. 1977 first m 5/23 last m 6/11 -total 3. DD 6/25/78 1 m.

6815 Gueneria similaria (Wlk., 1860)

VF 6/26/76 1 m.

6819 Metanema inatomaria Gn., 1857

PP 8/20/76 1 m.

6820 Metanema determinata Wlk., 1866

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		5/20	5/20		5/17	5/20	5/16	6/28	5/28
10		-	-		-	-	-	-	-
50		-	5/27		5/29	-	5/21	-	-
90		-	6/18		-	-	-	-	-
Last		-	6/30		6/1	5/23	6/15	-	6/1
<u>Second Generation</u>									
First	7/28		8/17		7/21		7/29		
10	-		-		-		-		
50	-		-		8/6		7/31		
90	-		-		-		-		
Last	8/4		-		9/1		8/16		
<u>Numbers Collected</u>									
1st gen.	-	1	16		4	2	6	1	3
2nd gen	2	-	1		6	-	4	-	-

6822 Metarranthis duaria (Gn., 1857)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/20		5/16		5/12		
10			5/25		-		5/17		
50			6/1		6/1		5/24		
90			6/9		6/10		6/16		
Last			7/14		6/12		6/22		
<u>Numbers collected</u>									
			48		14		28		

6825 Metarranthis indeclinata (Wlk., 1861)

PP 6/6/76 1 m. 6/1/77 1 m.

6826 Metarranthis hypocharia (H.-S., 1854)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/10		5/31		5/26	4/18	5/21	
10	-		6/1		-	-	-	
50	-		6/2		6/2	4/30	-	
90	-		-		-	5/23	-	
Last	-		6/14		6/19	5/30	5/22	
Numbers collected								
	1		23		5	10	2	

6827 Metarranthis refractaria (Gn., 1857)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First			5/27	6/17	6/4		5/21	5/31
10			5/31	-	6/7		-	-
50			6/9	-	6/16		6/14	6/4
90			6/18	-	6/24		-	-
Last			7/14	-	6/29		6/20	6/17
Numbers collected								
			59	1	28		12	6

6835 Cepphis armataria (H. & S., 1855)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First			6/13		6/16		6/5	
10			-		6/19		-	
50			7/1		6/24		6/16	
90			7/18		8/18		-	
Last			8/26		8/21		7/9	
Numbers collected								
			22		15		3	

6838 Proboscidea amicarica (H.-S., 1855)

PP 1975 first m 5/30 last m 6/8-total 7. 1977 first m 5/21 last m 6/14-total 5. DD 8/1/78 1 m.

6840 Plagodis serinaria H.-S., 1855

PP 5/15/76 1 m.

6841 Plagodis kuetzingi (Git., 1876)

DD 6/7/78 1 m.

6842 Plagodis phlogosaria (Gn., 1857)

VF 7/9/74 1 m. PP 7/14/75 1 m.

6844 Plagodis alcoolaria (Gn., 1857)

PP 1975 first m 5/20 last m 6/20-total 13. 1976 first m 6/1 last m 6/12-total 4. 1977 first m 5/20 last m 8/10-total 8. DD 1978 first m 5/24 last m 7/31-total 7.

6863 Caripeta divisata Wlk., 1863

PP 7/22/76 1 m. DD 1978 first m 7/25 last m 8/6-total 2.

6864 Caripeta piniata (Pack., 1870)

PP 1975 first m 5/31 last m 6/1 -total 10. 6/16/76 1 m. 6/11/77 1 m.

6867 Caripeta angustiorata Wlk., 1863

PP 8/10/75 2 m. 1976 first m 7/31 last m 8/23-total 5. 1977 first m 5/31 last m 8/8-total 3.

6884 Besma endropiaria (G. & R., 1867)

VF 1974 first m 6/9 last m 7/5-total 2. PP 6/19/75 1 m.

6885 Besma quercivoraria (Gn., 1857)

VF 8/1/75 2 m. PP 1975 first m 5/27 last m 8/11 -total 5. 1976 first m 5/6 last m 8/24-total 8. 1977 first m 5/12 last m 7/19-total 9. DD 1978 first m 5/27 last m 6/1 -total 4.

6906 Nemytia canosaria (Wlk., 1863)

false hemlock looper

VF 8/27/77 1 m.

6912 Sicya macularia (Harr., 1850)

% Catch	Year and Date Catch Attained								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/2	6/22	6/22	6/26	6/25	7/3	6/13	6/27	6/26
10	-	-	6/23	-	6/26	-	-	-	6/28
50	7/8	6/24	7/1	7/4	7/4	-	7/1	-	7/5
90	7/15	7/1	7/6	-	7/14	-	-	-	7/6
Last	7/23	7/3	7/9	7/11	7/17	-	7/3	7/8	7/9
Numbers collected									
	17	18	36	5	18	1	5	2	15

6941 Eusarca confusaria Hbn., 1813

% Catch	Year and Date Catch Attained								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/9	7/3	5/25	7/3	6/28	6/24	6/18	6/30	6/12
10	-	-	7/3	-	7/4	6/25	7/4	-	7/2
50	-	7/7	7/4	7/8	7/12	7/4	7/10	7/10	7/11
90	-	-	7/19	7/16	7/25	7/15	7/20	-	7/25
Last	-	7/13	8/6	7/21	8/2	7/28	7/28	7/13	7/29
Numbers collected									
	1	5	81	9	47	16	93	3	33

6963 *Tetracis crocallata* Gn., 1857

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/16	5/24	5/27	6/23	6/15	6/12	5/12	6/29	5/31
10	-	-	5/30	-	6/16	-	-	-	6/6
50	6/22	-	6/13	6/24	6/23	6/16	6/11	-	6/29
90	-	-	6/26	-	7/4	-	-	-	-
Last	7/12	7/10	9/22	7/16	7/11	6/27	7/6	-	8/13
Numbers collected									
	4	2	27	4	17	5	13	1	16

6964 *Tetracis cachexiata* Gn., 1857

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/5	5/29	5/24				5/24		5/29
10	-	5/30	5/30				-		5/31
50	6/11	6/3	6/7				-		6/7
90	6/22	6/13	6/16				-		6/17
Last	6/26	6/28	6/31				-		6/28
Second Generation									
First		8/14	8/15					7/7	7/16
10		-	8/16					-	-
50		9/2	8/25					-	-
90		-	9/12					-	-
Last		9/23	9/13					7/11	7/25
Numbers collected									
1st gen.	12	15	154				1	-	38
2nd gen	-	11	29				-	3	2

6965 *Eugonobapta nivosaria* (Gn., 1857)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/18	7/6	6/30	7/3	7/7	7/5	7/1	7/13	6/30
10	-	-	-	-	7/11	-	7/6	-	7/2
50	-	7/9	7/10	7/7	7/17	-	7/12	7/14	7/7
90	-	-	7/15	7/20	7/22	-	-	-	7/19
Last	-	7/17	7/19	8/23	8/1	7/12	7/20	7/20	7/31
Numbers collected									
	2	7	40	10	76	2	54	4	33

6966 Eutrapela clemataria (J. E. Smith, 1797)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First			5/4	4/25	4/19	5/5	4/19	5/12
10			-	-	-	-	4/21	-
50			5/19	--	5/17	5/20	5/17	6/2
90			6/3	-	-	-	5/27	-
Last			6/6	-	6/6	5/29	5/31	6/8
Numbers collected								
			23	1	6	4	16	17

6974 Patalene olyzonaria (Wik., 1860)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First							6/26	6/25
10							-	6/28
50							-	7/8
90							-	7/20
Last							7/5	7/31
Second Generation								
First			9/22	9/15	9/19		8/13	8/18
10			-	-	-		-	-
50			-	-	-		-	9/17
90			-	-	-		-	-
Last			-	-	-		8/17	10/10
Numbers Collected								
1st gen.			-	-	-		2	37
2nd gen			1	1	1		2	8

6982 Prochoerodes transversata (Drury, 1770)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	7/9	7/1	7/2	7/7	7/7	6/27	7/4	6/29
10	-	-	7/9	-	7/28	6/30	7/29	7/8
50	7/18	-	8/12	7/15	8/17	8/27	8/10	7/13
90	-	-	8/26	7/28	9/15	9/17	9/4	7/20
Last	7/22	8/1	9/24	9/9	10/12	9/30	9/21	7/22
Numbers collected								
	14	10	159	11	103	32	205	33

6987 Antepione thisoaria (Gn., 1857)

VF 8/4/74 1 m. 8/15/78 1 m. PP 6/30/75 1 m. DD 1978 first m 5/26 last m 8/11-total 9.

7009 Nematocampa limbata (Haw., 1809)
filament bearer

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/25	6/23	6/23	6/24		6/18	6/27	6/28
10		-	6/27	-	6/26		-	-	-
50		-	6/30	7/3	7/4		6/28	-	7/2
90		-	7/7	-	7/18		7/7	-	-
Last		-	7/12	7/5	7/19		7/15	-	7/5
<u>Second Generation</u>									
First	8/8		8/6	8/21			8/15		
10	-		-	-			-		
50	-		-	-			-		
90	-		-	-			-		
Last	-		8/17	8/22			-		
<u>Numbers Collected</u>									
1st gen.	-	1	15	9	24		13	1	7
2nd gen.	1	-	6	2	-		1	-	-

7046 Nemoria bistriaria Hbn., 1818

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		5/23	5/16		4/19				5/12
10		-	-		-				5/13
50		-	-		4/21				5/25
90		-	-		-				-
Last		-	5/17		5/16				5/31
<u>Second Generation</u>									
First			7/11		7/11				7/8
10			-		-				-
50			-		7/20				7/20
90			-		-				7/28
Last			-		7/29				7/29
<u>Numbers Collected</u>									
1st gen.		1	2		3				58
2nd gen.		-	1		9				13

7047 Nemoria rubrifrontaria (Pack., 1873)

VF 5/27/76 1 m. PP 1977 first m 4/21 last m 5/28-total 21.

7048 Nemoria mimosaria (Gn., 1857)

VF 8/29/77 2 m. PP 1975 first m 5/20 last m 6/8-total 6. 6/10/76 1 m. 1977 first m 5/18 last m 6/11 -total 6. DD 1978 first m 6/7 last m 7/29-total 2.

7058 Synchlora aerata (F., 1798)

VF 1974 first m 8/14 last m 8/26-total 2. 1975 first m 6/9 last m 8/1 -total 3. 1976 first m 6/21 last m 8/16-total 3. 6/3/77 1 m. 8/23/78 1 m. PP 1975 first m 5/21 last m 8/23-total 12. 1976 first m 6/5 last m 9/14-total 5. 1977 first m 6/13 last m 8/10-total 5. DD 8/7/78 1 m.

7071 Chlorochlamys chloroleucaria (Gn., 1857)

VF 8/1/74 1 m. 7/6/76 1 m. 1978 first m 6/23 last m 7/20-total 2. PP 9/4/75 1 m. 1976 first m 6/9 last m 8/16-total 4. DD 1978 first m 5/24 last m 6/1 -total 2.

7114 Idaea demissaria (Hbn., 1831)

VF 1974 first m 8/6 last m 8/19-total 2.

7132 Pleuroprucha insulsaria (Gn., 1857)

PP 1975 first m 9/2 last m 10/23-total 4. 1976 first m 8/3 last m 9/29-total 3. 1977 first m 6/22 last m 8/25-total 2.

7139 Cyclophora pendulinaria (Gn., 1857)

VF 7/17/75 1 m. 9/4/76 1 m. PP 9/10/75 1 m. 1976 first m 6/2 last m 8/31-total 2. 7/31/77 1 m.

7146 Haematopsis grataria (F., 1798)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/23	6/5	5/21	6/8	6/17	5/17	5/17	5/26	5/29
10	-	-	-	-	-	-	-	-	-
50	7/4	6/27	-	6/16	-	6/20	5/22	6/11	5/30
90	-	-	-	-	-	-	-	-	-
Last	7/13	7/7	6/6	7/11	-	7/12	6/30	7/13	7/10
<u>Second Generation</u>									
First	9/4	7/16	7/19	7/20		7/16	7/17	7/20	7/20
10	-	7/24	7/20	-		7/17	-	7/24	7/21
50	9/11	8/4	8/22	8/29		8/10	8/15	8/18	8/28
90	-	8/18	8/26	-		9/1	9/18	-	9/20
Last	9/20	8/19	8/27	9/16		9/12	9/26	8/31	9/21
<u>Numbers Collected</u>									
1st gen.	6	7	8	6	1	30	4	7	6
2nd gen.	6	58	20	9	-	49	12	33	20

7159 Scopula limboundata (Haw., 1809)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/10	6/25	6/20	6/14	5/15	6/16	6/16	7/9	6/25
10	-	-	6/26	6/23	6/26	-	7/3	-	6/29
50	7/18	7/21	7/14	7/16	7/17	7/17	7/12	7/12	7/12
90	-	8/7	7/24	8/1	7/30	-	7/21	-	7/31
Last	8/9	8/27	7/29	8/6	8/27	9/17	9/19	7/13	8/2
<u>Numbers collected</u>									
	4	10	86	19	151	5	191	3	78

7169 Scopula inductata (Gn., 1857)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/14	6/5	6/8	6/10	5/22	5/10	6/1	6/6
10		-	6/8	-	-	-	-	-	-
50		-	6/18	6/10	-	6/1	5/22	6/7	-
90		-	7/3	-	-	-	-	6/18	-
Last		6/16	7/19	6/25	6/25	7/12	6/11	6/25	6/9
Second Generation									
First	8/3	7/21	8/1	8/21	8/6	7/30	8/5	8/3	
10	-	-	-	-	-	-	-	-	
50	8/13	7/31	8/17	-	8/14	8/4	8/13	8/9	
90	-	-	8/26	-	-	-	-	-	
Last	9/2	8/15	11/4	-	8/27	9/5	8/28	8/17	
Numbers Collected									
1st gen.	-	2	15	8	2	4	6	12	4
2nd gen	7	9	11	1	5	6	6	4	-

7173 Leptostales pannaria (Gn., 1857)

VF 1976 first m 6/9 last m 8/20-total 2. PP 1976 first m 6/26 last m 8/7-total 6.

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7182 Dysstroma citrata (L., 1761)

PP 1975 first m 9/10 last m 9/17-total 2. 10/7/76 1 m. 9/19/77 1 m.

7189 Dysstroma hersiliata (Gn., 1857)

VF 6/29/78 1 m. PP 6/15/75 1 m. 1976 first m 6/16 last m 6/20-total 2. DD 7/7/78 1 m.

7196 Eulithis diversilineata (Hbn., 1813)
grapevine looper

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/15	7/1	6/16	7/4	6/30	7/8	7/8	7/12	7/4
10	7/18	7/7	6/26	-	7/9	-	-	-	7/7
50	8/2	7/23	7/14	7/22	7/25	8/9	7/20	7/16	7/22
90	8/27	8/18	8/10	8/5	8/24	-	8/5	-	8/2
Last	9/12	8/26	8/25	8/20	8/31	8/13	8/13	8/6	8/22
Numbers collected									
	29	27	92	11	47	4	19	5	44

7197 Eulithis gracilineata (Gn., 1857)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/4	7/4	7/1	7/7	7/8	6/27	6/30	7/6	6/25
10	-	-	7/2	7/8	7/12	-	7/5	7/10	7/5
50	8/12	7/8	7/7	8/5	8/22	7/12	7/31	7/22	7/31
90	-	-	8/18	9/8	9/16	9/12	9/2	9/1	8/15
Last	9/10	8/15	9/22	9/9	10/6	9/18	9/19	9/3	10/1
Numbers collected									
	5	6	24	18	29	12	30	19	53

7201 Eulithis testata (L., 1761)

VF 8/1/75 1 m. 8/9/76 1 m. 8/5/78 1 m. PP 1975 first m 6/19 last m 8/2-total 6. 1976 first m 6/24 last m 9/26-total 2. 1977 first m 6/16 last m 8/10-total 18.

7204 Eulithis destinata (Mosch., 1860)

VF 7/19/75 1m. 1976 first m 7/3 last m 7/16-total 3. PP 1975 first m 6/28 last m 7/11 -total 8. 1976 first m 6/28 last m 7/11 -total 12. 1977 first m 6/27 last m 7/7-total 10.

7206 Eulithis explanata (Wik., 1862)

VF 7/15/78 1m. PP 1976 first m 6/22 last m 6/28-total 2. 1977 first m 7/4 last m 7/13-total 3. DD 7/18/78 1 m.

7235 Hydrimena divisaria (Wik., 1860)

PP 6/10/76 1 m.

7236 Hydrimena renunciata (Wik., 1862)

7290 Coryphista meadii (Pack., 1874)

VF 7/31/75 1 m.

VF 7/14/76 1m. 7/11/77 2-m. PP 1975 first m 6/25 last m 7/11 -total 2. 7/19/76 1 m.

7237 Hydrimena transfigurata Swett, 1912

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	DD
First		5/30	5/13		5/2		4/21	5/29
10		-	5/16		-		5/4	-
50		-	5/19		5/5		5/17	5/29
90		-	5/27		-		5/23	5/31
Last		-	6/6		6/23		6/11	6/1
Numbers collected								
		1	35		4		27	1
								20

7290 Coryphista meadii (Pack., 1874) VF 7/31/75 1 m.

7292 Hydria prunivorata (Fgn., 1955)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/14	6/19	6/6	-	6/23	-	6/24	6/25
10	-	-	-	-	-	-	-	-
50	7/3	6/29	6/25	-	6/24	-	7/1	-
90	7/19	-	7/11	-	-	-	-	-
Last	7/28	7/31	8/3	-	8/2	-	7/16	-
<u>Numbers collected</u>								
	14	5	21	-	3	-	4	1

7307 Mesoleuca ruficillata (Gn., 1857)

PP 1976 first m 5/30 last m 8/14-total 3. 1977 first m 5/20 last m 8/1-total 5. DD 6/1/78 1 m.

7312 Spargania magnoliata Gn., 1857

VF 1974 first m 6/30 last m 8/28-total 3. 1975 first m 6/1 last m 7/24-total 4. 8/7/76 1 m. 6/25/77 1 m. 8/15/78 1m. PP 7/14/75 1m. 1976 first m 7/13 last m 8/16-total 2. DD 1978 first m 6/4 last m 8/1 -total 3.

7329 Anticlea vasiliata Gn., 1857

PP 1975 first m 5/5 last m 5/19-total 5. 1976 first m 4/17 last m 5/5-total 5. 5/19/77 2 m.

7330 Anticlea multiferata (Wik., 1863)

PP 1975 first m 5/21 last m 6/4-total 3.

7368 Xanthorhoe labradorensis (Pack., 1867)

VF 8/11/77 1 m. PP 5/22/75 1 m. 1976 first m 5/30 last m 6/12-total 2. 1977 first m 5/6 last m 5/28-total 2.

7388 Xanthorhoe ferrugata (Cl., 1759)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	5/27	5/21	5/20	5/11	5/2	5/17	4/21	5/13
10	-	-	-	-	-	-	5/6	-
50	6/2	5/27	5/25	5/17	5/17	-	5/22	5/23
90	6/10	-	-	-	-	-	6/9	-
Last	6/14	6/6	6/8	5/30	6/9	-	6/14	6/9
<u>Second Generation</u>								
First	7/23	7/12	8/7	8/9	8/20	7/24	7/8	7/19
10	-	7/16	-	-	-	-	-	-
50	-	8/1	8/13	-	-	8/11	7/22	8/5
90	-	8/15	-	-	-	8/30	8/1	-
Last	8/4	8/18	9/13	8/10	-	9/5	8/9	8/23
<u>Numbers Collected</u>								
1st gen.	13	7	8	4	7	1	29	-
2nd gen	4	18	6	2	1	11	10	9

7390 Xanthorhoe lacustrata (Gn., 1857)

VF 6/17/74 1m. 1975 first m 5/24 last m 8/17-total 4. 1976 first m 4/21 last m 7/29-total 3. PP 1975 first m 5/16 last m 8/14-total 8. 1976 first m 4/16 last m 4/17-total 2. 1977 first m 4/11 last m 7/20-total 8.

7394 Epirrhoe alternata (Muller, 1764)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/5	5/30	6/1			6/1	5/31	6/1	5/27
10	-	-	-			-	-	-	-
50	6/10	-	6/12			-	6/8	-	-
90	-	-	-			-	-	-	-
Last	7/8	-	6/16			-	6/16	-	6/8
Second Generation									
First	8/17	8/4		8/23			7/31		8/5
10	-	-		-			-		-
50	8/31			-			8/11		8/14
90	9/9	-		-			-		8/17
Last	9/10	-		9/4			9/2		8/29
Numbers Collected									
1st gen.	4	1	5	-		1	3	1	3
2nd gen	10	1	-	2		-	6	-	10

7399 Eupyhia unangulata (Haw., 1909)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		5/30	5/26	6/1	6/1	5/21	5/18	6/7	5/23
10		-	5/27	-	-	-	5/21	-	5/25
50		-	6/10	6/16	6/14	6/1	6/9	6/18	6/11
90		-	6/23	-	6/27	6/18	6/29	-	6/25
Last		6/5	6/27	7/3	7/1	6/29	7/8	6/25	6/28
Second Generation									
First		7/23	7/19	7/30	7/30	7/24	7/18	7/19	7/22
10		-	8/6	-	8/11	-	7/22	-	-
50		8/13	8/23	8/23	8/27	8/11	8/13	-	8/7
90		8/17	8/30	9/3	9/1	8/31	9/2	-	-
Last		9/8	9/8	9/14	9/9	9/12	9/6	8/27	9/2
Numbers Collected									
1st gen.		2	21	8	10	16	46	7	19
2nd gen		14	30	11	32	12	52	2	6

7414 Orthonama obstipata (F., 1794)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First		5/30	5/21	5/16	6/14		5/1	6/8 6/26
10		-	-	-	-		-	-
50		6/15	6/17	-	7/2		5/16	- 6/4
90		-	6/29	-	-		-	-
Last		6/30	7/3	7/9	7/15		5/22	6/13 6/12
Second Generation								
First	8/10	7/23	7/15	8/22	8/10	9/22	7/16	6/31
10	-	7/24	7/17	-	-	-	-	-
50	8/11	8/3	10/7	9/16	8/30	9/30	8/14	-
90	-	9/28	-	-	-	-	-	-
Last	10/6	10/14	11/13	9/30	10/6	11/8	11/5	9/16
Numbers Collected								
1st gen.	-	12	13	4	3	-	4	12 3
2nd gen	4	21	30	4	5	4	3	- 3

7416 Orthonama centrostrigaria (Woll., 1858)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/10	5/22	6/5	6/15		6/30	4/23	6/21
10	6/21	-	6/14	-		-	-	-
50	7/4	6/17	6/19	6/30		-	6/24	-
90	7/9	6/25	6/27	7/16		-	-	-
Last	7/10	7/9	7/2	7/21		-	6/29	-
Second generation								
First	7/24	7/16	7/15	8/3	7/16			8/1 10/11
10	-	-	-	-	-			-
50	7/26	7/24	8/30	-	9/9			- 10/28
90	-	9/28	-	-	-			-
Last	9/2	10/23	11/17	9/1	10/15			8/7 11/11
Numbers Collected								
1st gen.	35	16	32	12	-	1	8	1 -
2nd gen	3	19	7	2	6	-	-	2 3

7422 Hydrelia inornata (Hulst, 1896)

PP 1975 first m 6/6 last m 6/14-total 2. 6/25/76 1 m.

7425 Venusia cambrica Curt., 1839

VF 5/12/75 1 m.

7428 Venusia comptaria (Wlk., 1860)

VF 5/21/75 1 m. PP 4/18/76 1 m. 1977 first m 4/21 last m 4/24-total 4.

7430 Trihodezia albovittata (Gn., 1857)

VF 8/28/74 1 m. 8/17/77 2 m. PP 6/15/76 1 m.

7437 Operophtera bruceata (Hulst, 1886)**Bruce spanworm**

VF 10/30/74 1 m. 11/5/75 1 m. 11/3/76 1 m. PP 1975 first m 11/2 last m 11/14-total 3. 11/15/77 4 m. DD 11/13/78 1 m.

7440 Eubaphe mendica (Wlk., 1854)

PP 7/13/76 1 m. DD 1978 first m 6/26 last m 7/20-total 7.

7445 Horisme intestinata (Gn., 1857)

VF 8/22/74 1 m. 8/14/75 1 m. 8/27/76 1 m. 8/19/78 1 m. PP 1975 first m 6/1 last m 8/12-total 3. 1976 first m 6/16 last m 8/1-total 2. 1977 first m 5/21 last m 9/9-total 13. DD 1978 first m 6/1 last m 6/13-total 2.

7474 Eupithecia miserulata Grt., 1863

PP 1976 first m 9/22 last m 10/16-total 2.

7605 Eupithecia ravocostaliata Pack., 1876

VF 5/15/74 1 m. PP 1975 first m 5/1 last m 5/15-total 7. 1976 first m 4/17 last m 5/16-total 9. 1977 first m 4/12 last m 5/6-total 15.

7637 Cladara limitaria (Wlk., 1860)

VF 5/1/74 1 m. 5/5/78 1 m. PP 1975 first m 5/13 last m 5/22-total 3. 5/1/76 1 m. 1977 first m 4/14 last m 5/2-total 6. DD 1978 first m 5/14 last m 6/7-total 3.

7638 Cladara anquilineata (G. & R., 1867)

VF 5/15/74 1 m.

7639 Cladara alroliturata (Wlk., 1863)

PP 5/22/75 1 m. 1977 first m 4/19 last m 5/1-total 3. DD 1978 first m 5/8 last m 5/16-total 2.

7640 Lobophora nivigerata Wlk., 1862

% Catch	Year and Date Catch Attained							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First		5/29	5/5		5/3		5/5	5/27
10		-	5/19		5/17		5/9	-
50		-	5/24		6/1		5/21	7/8
90		-	6/14		-		6/14	-
Last		5/30	6/20		6/27		6/24	7/18
Numbers collected								
		2	34		18		39	7

7648 Dyspteris abortivaria (H.-S., 1864)

VF 7/30/75 1 m. 7/24/77 1 m. 8/5/78 1 m. PP 7/15/75 1 m. 1976 first m 6/15 last m 7/21 -total 2. 1977 first m 5/27 last m 8/4-total 9.

Mimallonidae

7659 *Lacosoma chiridota* Grt., 1864

PP 6/15/75 1 m. 5/31/77 1 m.

Apatelodidae

7663 *Apatelodes torrefacta* (J. E. Smith, 1797)

VF 1974 first m 6/15 last m 6/20-total 2. 7/2/75 1 m. PP 1975 first m 6/12 last m 6/27-total 2. 1976 first m 6/24 last m 6/28-total 2. 1977 first m 6/5 last m 6/24-total 2. DD 1978 first m 6/6 last m 6/16-total 2.

7665 *Olceclostera angelica* (Grt., 1864)

PP 6/20/75 1 m. 7/7/76 1 m. DD 7/11/78 1 m.

Lasiocampidae

7670 *Tolyte velleda* (Stoll, 1791)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	9/6	9/5	8/26	9/14	9/5	9/11	9/8	8/9	8/16
10	9/7	-	-	9/15	9/9	9/14	9/13	9/15	8/19
50	9/18	-	-	9/19	9/15	9/19	9/18	9/20	9/17
90	9/29	-	-	-	9/27	9/20	9/25	9/27	9/24
Last	10/6	9/13	-	10/4	9/29	9/27	10/1	9/30	9/30
Numbers collected									
	23	5	1	25	24	30	26	35	31

7673 *Tolyte laricis* (Fitch, 1856)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	9/7	9/1	7/4	8/26	7/22		7/21	9/11	8/13
10	-	-	8/6	-	8/7		8/1	-	-
50	9/12	9/19	9/2	8/28	9/1		9/2	-	8/22
90	-	-	9/18	-	9/13		9/13	-	-
Last	10/12	9/25	9/19	9/4	9/15		9/18	-	9/11
Numbers collected									
	12	3	28	6	48		51	1	3

**7687 *Phyllodesma americana* (Harr., 1841)
lappet moth**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/1		4/16		4/12		5/13
10			-		-		-		-
50			5/18		4/17		4/28		-
90			6/5		-		5/21		-
Last			6/9		4/19		5/22		-
Second Generation									
First			7/3		7/1		7/1		
10			-		7/8		7/4		
50			7/4		7/20		7/11		
90			-		7/28		7/16		
Last			7/7		8/31		7/24		
Numbers Collected									
1st gen.			22		3		12		1
2nd gen			4		28		29		-

**7698 *Malacosoma disstria* Hbn., 1820
forest tent caterpillar**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/2	6/24	6/24	6/23	6/23	6/17	6/16	6/28	6/28
10	7/6	-	6/25	6/28	6/29	6/21	6/23	6/29	6/29
50	7/12	7/1	6/30	7/12	7/11	6/27	6/29	7/5	7/5
90	7/17	7/13	7/3	7/15	7/15	7/8	7/10	7/19	7/12
Last	7/28	7/28	7/14	7/30	8/20	7/19	7/21	8/3	7/23
Numbers collected									
	37	49	231	298	286	82	150	55	145

**7701 *Malacosoma americanum* (F., 1793)
eastern tent caterpillar**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/29	6/24	6/22	6/19	6/19	6/5	6/4	6/23	6/20
10	7/2	-	6/25	6/24	6/23	6/11	6/13	6/28	6/28
50	7/4	7/1	6/30	6/27	6/27	6/18	6/24	7/3	7/5
90	7/10	-	7/4	7/6	7/5	6/28	6/30	7/10	7/9
Last	7/11	7/8	7/9	7/11	7/17	7/12	7/15	7/26	7/21
Numbers collected									
	15	17	216	106	655	320	1483	294	852

Saturniidae

7715 *Dryocampa rubicunda* (F., 1793)

greenstriped mapleworm

VF 7/2/75 1 m. PP 1975 first m 5/27 last m 7/4-total 19. 1976 first m 5/28 last m 6/27-total 9. 1977 First m 5/21 last m 5/24-total 4.

7723 *Anisota virginiensis* (Drury, 1773)

pinkstriped oakworm

PP 6/30/75 1 m. 6/6/76 1 m. 5/24/77 1 m.

7746 *Automeris io* (F., 1775) io

moth

VF 7/11/74 1 m. 6/5/75 1 m. PP 1975 first m 5/27 last m 6/26-total 12. 1976 first m 6/2 last m 6/21 -total 3. 1977 first m 5/16 last m 5/23-total 4. DD 1978 first m 5/30 last m 6/9-total 3.

7757 *Antheraea polyphemus* (Cram., 1776)

polyphemus moth

% Catch	Year and Date Catch Attained								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/6	6/7	5/28	6/15	6/15	6/14	6/16	7/9	
10	-	-	6/1	-	-	-	-	-	
50	7/27	7/6	7/6	7/3	7/2	7/8	7/8	-	
90	-	-	7/15	-	7/11	-	7/31	-	
Last	7/29	7/10	7/24	7/15	7/15	7/12	8/8	-	
Numbers collected									
	5	4	27	9	15	11	13	1	

7758 *Actias luna* (L., 1758)

luna moth

VF 5/30/77 1m. DD 1978 first m 5/26 last m 6/8-total 4.

7765 *Callosamia angulifera* (Wik., 1855)

VF 1974 first m 7/6 last m 7/18-total 2.

**7767 Hyalophora cecropia (L., 1758)
cecropia moth**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/3	6/1	5/25	5/28	5/30	5/21	5/17	6/8	
10	-	-	-	-	-	-	-	-	
50	6/7	-	6/1	5/31	6/1	5/23	5/23	-	
90	6/14	-	6/5	-	-	-	-	-	
Last	6/20	6/10	6/10	6/11	6/12	6/17	5/27	6/15	
<u>Numbers collected</u>									
	23	5	10	3	4	14	5	2	

Sphingidae

7771 Agrius cingulata (F., 1775)
sweet potato hornworm
PP 9/22/77 1 m.

**7776 Manduca quinquemaculata (Haw., 1803)
tomato hornworm**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/29	6/24	6/27	7/18	6/19	6/30	7/3	7/2	7/10
10	7/14	6/30	6/28	-	-	-	-	-	-
50	8/4	8/26	7/17	7/21	6/29	7/31	9/20	7/21	7/20
90	8/23	9/16	9/12	-	-	9/13	-	-	-
Last	8/24	9/20	9/24	8/14	7/20	9/19	9/25	9/5	7/27
<u>Numbers Collected</u>									
	18	28	19	3	3	10	3	8	4

7784 Dolba hyloeus (Drury, 1773)
PP 7/18/77 1 m.

7786 Ceratonia amyntor (Geyer, 1835)
elm sphinx

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First	6/29	6/2	6/1	7/5		6/17	5/18	6/18 7/8
10	7/14	-	-	-		-	-	-
50	8/4	7/2	-	-		7/13	-	-
90	8/23	-	-	--		-	-	--
Last	8/24	7/19	7/8			7/14	-	-
Numbers collected								
	18	7	2	1		7	1	1

7787 Ceratoma undulosa (Wlk., 1856)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First	6/5	5/29	5/30	5/28	5/31	5/22	5/21	5/30 6/2
10	6/10	6/14	5/31	6/9	-	6/13	-	6/1 -
50	7/18	7/6	6/30	6/24	6/22	6/30	7/4	6/25 7/6
90	8/9	7/17	7/9	7/29	6/29	7/17	-	7/12 -
Last	8/28	7/31	7/31	7/30	7/7	7/19	8/7	7/21 7/14
Numbers collected								
	58	36	17	36	10	28	6	27 13

7796 Sphinx eremitus (Hbn., 1823)

PP 1977 first m 7/3 last m 7/5-total 2.

7802 Sphinx chersis (Hbn., 1823)

great ash sphinx

VF 6/2/74 1 m. 1975 first m 7/13 last m 7/22-total 3. 6/12/78 1 m. PP 7/14/75 1 m.

7809 Sphinx kalmiae J. E. Smith, 1797

VF 1974 first m 7/15 last m 8/22-total 4. 1975 first m 7/12 last m 7/24-total 3. 1976 first m 6/19 last m 7/16-total 4. 1977 first m 6/1 last m 7/8-total 3.

7810 Sphinx gordius Cram., 1780

% Catch	<u>Year and Date Catch Attained</u>					
	1974	1975		1976		1977
	VF	VF	PP	VF	PP	VF PP
First			5/22		5/30	8/3 5/15
10			-		-	-
50			5/30		6/19	- 6/10
90			7/3		7/24	-- 7/8
Last			7/5		8/22	7/11
Numbers collected						
			12		14	1 13

7812 *Sphinx drupiferarum* J. E. Smith, 1797
PP 7/1/75 1 m.

7817 *Lapara bombycoides* Wlk., 1856

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/30		6/22		5/20		
10			-		-		5/27		
50			6/14		6/28		7/2		
90			7/8		7/15		7/13		
Last			7/9		7/25		7/17		
Numbers collected									
			10		11		33		

7821 *Smerinthus jamaicensis* (Drury, 1773)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/27	6/5	5/13	6/10	5/16	5/26	5/16	6/7	5/27
10	-	-	5/27	-	6/1	-	5/22	-	-
50	6/22	6/18	6/8	6/20	6/17	6/19	6/4	6/8	6/4
90	7/17	-	6/29	-	6/30	-	7/11	-	-
Last	7/19	7/18	7/15	7/7	7/19	7/6	7/20	6/20	6/16
Second Generation									
First	8/20	8/5	7/28	8/6	7/26	7/30	7/28	8/11	8/8
10	-	-	8/1	-	7/29	-	8/4	-	-
50	-	8/14	8/12	8/20	8/10	8/3	8/9	-	-
90	-	-	8/19	-	8/20	-	8/21	-	-
Last	-	8/18	8/25	8/23	8/22	8/13	8/23	-	8/17
Numbers Collected									
1st gen.	11	7	37	12	44	5	28	4	9
2nd gen	1	7	40	7	43	4	35	2	2

7822 *Smerinthus cerisyi* Kby., 1837
PP 6/24/77 1 m. DD 5/24/78 1 m.

7824 Paonias excaecatus (J. E. Smith, 1797)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/9	5/25	6/13	5/15	6/19	5/31	6/3	5/31	5/30
10	6/29	6/16	-	6/26	6/23	6/22	6/14	6/17	6/1
50	7/20	7/1	7/1	7/7	7/11	7/5	7/8	7/6	6/29
90	7/30	7/14	7/15	7/17	8/1	7/12	7/18	7/18	7/16
Last	8/13	7/17	8/8	7/30	8/7	7/18	7/27	7/28	7/23
Numbers collected									
	49	41	13	47	29	54	49	39	23

7525 Paonias myops (J. E. Smith, 1797)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/2	5/28	5/26	6/5	6/1	5/26	5/20	5/28	5/30
10	-	6/1	6/1	6/10	6/9	5/31	5/23	-	-
50	6/22	6/25	6/27	7/1	6/22	7/7	6/25	7/2	6/11
90	7/9	8/4	7/15	7/27	7/21	7/14	7/17	-	-
Last	7/17	8/9	8/11	7/29	7/30	8/7	8/20	7/21	7/11
Numbers collected									
	16	15	35	19	43	19	60	9	7

**7827 Laothoe juglandis (J. E. Smith, 1797)
walnut sphinx**

VF 1974 first m 6/3 last m 7/23-total 4. 1975 first m 6/16 last m 6/27-total 6. 7/8/76 1 m. 1977 first m 5/22 last m 7/22-total 3. 1978 first m 5/30 last m 6/18-total 2. PP 1975 first m 6/6 last m 6/18-total 2. 1977 first m 5/28 last m 7/6-total 3. DD 1978 first m 5/26 last m 7/13-total 5.

7828 Pachysphinx modesta (Harr., 1839)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/3	6/5	5/25	6/8	5/17	6/8	5/24	5/23	5/27
10	-	-	6/3	-	6/5	-	-	-	-
50	6/15	7/5	6/29	6/28	7/2	6/23	6/11	7/5	-
90	-	-	7/9	-	7/29	-	-	-	-
Last	7/4	7/8	7/28	7/14	8/16	7/10	7/7	7/15	7/9
Numbers collected									
	9	6	58	4	26	6	6	6	2

7859 Eumorpha pandorus (Hbn., 1821)

VF 1974 first m 6/2 last m 8/10-total 4. 8/5/76 1 m. 1977 first m 6/30 last m 8/6-total 3. 1978 first m 7/25 last m 8/8-total 3. PP 1975 first m 7/3 last m 7/31-total 2. 7/21/76 1 m. 7/28/77 1 m. DD 1978 first m 7/9 last m 8/5-total 4.

7861 Eumorpha achemon (Drury, 1773)**achemon sphinx**

DD 1978 first m 6/26 last m 7/22-total 2.

7870 Sphecodina abbottii (Swainson, 1821)

VF 1974 first m 5/25 last m 6/14-total 8. 1975 first m 5/24 last m 6/2-total 5. 1976 first m 5/24 last m 6/11 - total 5. 5/24/77 1 m. 1978 first m 6/23 last m 6/29-total 5. PP 5/23/75 1 m. 5/17/76 1 m. 5/17/77 1 m. DD 1978 first m 5/25 last m 6/2-total 3.

7871 Deldamia inscripta (Harr., 1839)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/1	5/6	5/4	5/2	4/16	4/13	4/12	5/9	5/11
10	-	-	-	-	4/17	-	4/13	-	-
50	-	5/11	5/12	6/4	4/21	5/11	4/22	6/6	6/4
90	-	-	5/21	-	5/18	5/26	5/27	-	6/6
Last	5/3	6/5	5/30	6/21	6/3	5/29	6/10	6/7	6/10
Numbers collected									
	2	6	14	10	15	13	40	6	10

7873 Amphion floridensis B. P. Clark, 1920

PP 6/1/76 1 m. 7/1/77 1 m.

7884 Darapsa versicolor (Harr., 1839)

PP 8/5/77 1 m.

**7885 Darapsa myron (Cram., 1780)
virginiacreeper sphinx**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/22	6/5		6/15		6/17		6/8	
10	-	6/15		6/20		-		6/11	
50	7/14	7/5		7/7		7/4		7/9	
90	7/19	8/8		7/11		7/16		7/20	
Last	7/23	8/10		7/15		8/5		7/22	
Numbers collected									
	14	20		24		14		21	

7886 Darapsa pholus (Cram., 1776)

VF 1978 first m 7/2 last m 7/6-total 2. PP 1975 first m 6/1 last m 8/16-total 2. 1977 first m 5/21 last m 6/31-total 2.

7893 Hyles gallii (Rottemburg, 1775) VF

7/22/75 1 m.

Notodontidae

7895 *Clostera albosigma* Fitch, 1856

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/3	5/27	5/4	5/30	4/15	6/23	5/5	6/1	5/17
10	-	-	5/14	-	-	-	-	-	-
50	-	-	6/4	-	5/1	-	5/18	-	-
90	-	-	7/7	-	6/10	-	-	-	-
Last	6/9	6/16	7/14	6/1	6/23	6/25	6/6	-	-
<u>Second Generation</u>									
First	7/23	8/6	8/3	7/16	7/17	7/12	7/8	8/2	8/9
10	-	-	8/11	-	-	-	7/9	-	-
50	-	8/14	8/17	7/27	7/24	7/19	7/17	-	-
90	-	-	8/26	8/17	7/28	-	9/2	-	-
Last	-	8/22	8/27	8/22	7/31	8/23	9/4	-	-
<u>Numbers Collected</u>									
1st gen.	2	2	34	4	11	2	4	1	1
2nd gen	1	11	27	11	12	5	23	1	1

7896 *Clostera inclusa* (Hbn., 1829-31) poplar tentmaker

VF 1974 first m 5/17 last m 5/29-total 2.

7901 *Clostera apicalis* (Wik., 1855)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/6	5/14	5/23	4/19		5/5	4/30	5/22	5/12
10	-	-	-	-		-	-	-	-
50	-	5/24	-	5/15		5/16	5/6	5/27	5/16
90	-	-	-	-		-	-	-	-
Last	-	5/27	5/28	5/26		5/29	5/31	5/30	5/23
<u>Second Generation</u>									
First	7/29	7/15	7/17	7/30		7/17	7/6	7/20	7/22
10	-	7/17	-	-		-	-	-	-
50	8/5	7/23	7/30	8/5		7/20	7/19	7/31	7/25
90	-	8/3	-	-		-	-	8/12	-
Last	8/13	8/5	8/17	8/30		8/26	7/24	8/18	8/18
<u>Numbers Collected</u>									
1st gen.	1	6	2	5		7	6	4	4
2nd gen	8	21	6	7		3	6	12	5

**7902 *Datana ministra* (Drury, 1773)
yellownecked caterpillar**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/9	6/5	6/23		6/24	6/30	6/28	6/11	6/1
10	6/10	-	-		-	-	-	6/26	6/8
50	7/5	7/4	6/25		-	-	7/7	-	7/6
90	7/23	-	-		-	-	7/17	-	7/22
Last	8/9	7/17	7/8		7/28	7/7	7/23	7/12	7/31
Numbers collected									
	20	5	3		2	2	14	15	63

7915 *Nadata gibbosa* (J. E. Smith, 1797)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/3	5/28	6/1	6/16	6/7	5/16	5/16	6/24	5/31
10	-	-	-	-	-	5/17	-	-	-
50	6/26	6/20	6/14	6/23	6/14	6/11	6/14	-	6/10
90	-	-	-	-	-	7/3	6/29	-	-
Last	7/7	7/5	7/8	7/5	6/22	7/7	7/3	7/1	6/28
Second Generation									
First	7/23	7/21	7/15	8/6	7/28	7/21	7/23		8/6
10	-	-	-	-	-	-	-		-
50	8/9	8/3	-	-	7/31	7/29	7/31		-
90	-	-	-	-	-	-	-		-
Last	8/8	8/14	8/9	8/24	8/10	8/10	8/11		-
Numbers Collected									
1st gen.	6	8	8	5	5	15	14	2	9
2nd gen	4	5	2	2	3	5	7	-	1

7919 *Peridea basitriens* (Wlk., 1855)
VF 1977 first m 6/13 last m 7/12-total 2.

7920 Peridea angulosa (J. E. Smith, 1797)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/15	6/5	6/10			5/20		
10		-	-	-			-		
50		-	6/13	6/20			6/9		
90		-	-	-			-		
Last		7/3	6/15	6/23			6/14		
Second Generation									
First	7/13	7/28	7/4	7/7			7/3		7/14
10	-	-	7/28	7/22			7/5		--
50	-	8/1	8/11	7/31			7/18		-
90	-	-	8/16	8/31			-		-
Last	8/25	8/27	9/9	9/6			8/6		8/2
Numbers Collected									
1st gen.	-	2	9	5			4		-
2nd gen	2	3	36	57			24		2

7921 Peridea ferruginea (Pack., 1864)

VF 1977 first m 6/1 last m 6/26-total 2. PP 1975 first m 6/6 last m 7/4-total 2. 1976 first m 6/23 last m 7/12-total 3. 1977 first m 5/20 last m 7/13-total 10. DD 6/12/78 1 m.

7922 Pheosia rimosa Pack., 1864

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/10	5/22	5/11	5/29	5/1	5/15	4/20		5/22
10	-	-	5/13	-	-	-	5/12		-
50	5/23	5/25	5/21	-	-	5/20	5/24		6/5
90	6/10	-	6/8	-	-	-	6/18		-
Last	6/19	6/25	6/14	6/17	-	5/24	6/27		6/11
Second Generation									
First	7/16	7/11	7/31	7/12	7/7	7/11	7/7	7/14	7/16
10	7/18	7/12	8/1	-	7/16	-	7/10	7/17	-
50	8/9	7/22	8/2	7/29	7/25	7/30	7/14	7/24	7/29
90	8/21	8/16	8/11	8/21	8/1	8/30	-	8/5	-
Last	8/29	8/22	9/2	9/2	8/27	9/8	8/7	8/27	8/27
Numbers Collected									
1st gen.	10	3	80	13	2	7	41	-	5
2nd gen	25	34	30	10	97	17	25	12	5

7924 Odontosia elegans (Stkr., 1885)

VF 7/21/76. PP 1975 first m 6/2 last m 8/2-total 9. 1976 first m 6/15 last m 7/25-total 4. 1977 first m 5/21 last m 6/24-total 24.

7926 Notodonta scitipennis Wlk., 1862

VF 8/1/75 1 m. 8/10/76 1 m. 1978 first m 8/5 last m 8/12-total 2. PP 1975 first m 5/26 last m 8/6-total 4. 1976 first m 7/25 last m 8/7-total 3. 1977 first m 5/21 last m 8/6-total 13.

7929 Nerice bidentata Wlk., 1855

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/23	6/5	5/22	6/9	6/17	5/17	5/17	5/26	5/29
10	-	-	-	-	-	-	-	-	-
50	6/9	6/17	5/29	-	-	5/19	5/22	5/27	-
90	-	-	-	-	-	-	-	-	-
Last	7/7	6/20	6/19	6/24	6/23	5/23	6/16	6/1	6/11
Second Generation									
First	7/18	8/3		8/1	7/19	7/14	7/14	7/16	7/20
10	-	-		-	-	-	-	-	-
50	7/30	8/8		-	7/25	7/23	7/30	7/27	7/25
90	-	-		-	-	-	-	-	-
Last	8/5	8/13		-	7/26	7/30	8/12	8/12	8/10
Numbers Collected									
1st gen.	8	5	8	2	2	3	9	3	2
2nd gen	7	3	-	1	3	5	7	7	9

7930 Ellida caniplaga (Wlk., 1856)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/28	5/9	5/1	4/18	4/18	4/12	4/20	5/13	5/11
10	-	-	-	-	-	-	-	-	-
50	4/30	5/31	5/31	-	-	5/21	5/5	-	5/25
90	6/11	-	-	-	-	6/14	-	-	-
Last	6/16	6/18	6/8	4/21	-	6/16	5/12	-	6/7
Second Generation									
First	6/28	6/26		6/30	7/16	7/12	7/12	7/11	6/19
10	-	-		-	-	-	-	-	-
50	7/18	7/15		7/20	-	-	-	7/18	7/2
90	7/24	7/20		-	-	-	-	7/22	-
Last	7/28	7/23		8/6	-	7/16	7/19	7/23	7/8
Numbers Collected									
1st gen.	14	8	5	2	1	11	3	1	4
2nd gen	13	14	-	8	1	2	2	14	9

7931 *Gluphisia septentrionis* Wik., 1855

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/30	6/13	5/18	5/3	5/3	5/30	4/21	6/4	5/26
10	6/6	-	5/23	-	-	-	5/12	-	-
50	6/9	6/17	5/31	5/15	6/9	-	5/23	-	5/27
90	7/4	-	6/16	-	6/16	-	6/16	-	-
Last	7/6	7/2	6/29	6/19	6/23	6/16	6/20	6/8	6/28
Second Generation									
First	7/12	7/13	7/9	7/19	7/7	7/15	6/24	7/7	7/22
10	7/29	-	-	7/29	7/12	7/16	7/3	-	-
50	8/7	7/24	7/29	8/5	7/28	7/24	7/12	8/1	7/27
90	8/27	8/10	8/21	8/13	8/1	8/10	7/21	-	-
Last	9/10	8/14	9/2	8/22	10/3	8/11	8/8	8/10	8/13
Numbers Collected									
1st gen.	26	6	191	6	14	2	154	2	5
2nd gen	36	25	29	32	176	21	103	14	4

7934 *Gluphisia lintneri* (Grt., 1877)

PP 4/25/75 1m. 1976 first m 4/15 last m 6/19-total 13. 1977 first m 4/11 last m 4/26-total 3.

7936 *Furcula borealis* (Guer.- Meneville, 1832)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/31	-	5/20	6/15	6/2	-	5/18	-	5/27
10	-	-	-	-	-	-	-	-	-
50	-	-	5/25	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-
Last	6/1	-	6/3	-	-	-	-	-	6/7
Second Generation									
First	8/11	8/1	7/29	8/6	7/23	8/6	7/28	7/17	7/14
10	-	-	-	-	7/30	-	-	-	-
50	-	-	-	-	8/14	-	7/30	-	8/5
90	-	-	-	-	-	-	-	-	-
Last	-	8/26	8/3	8/8	8/31	-	8/11	8/5	8/10
Numbers Collected									
1st gen.	2	-	6	1	1	-	1	-	2
2nd gen	1	4	8	2	16	1	3	9	9

7937 Furcula cinerea (Wik., 1865)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/10	5/21	5/24		5/15	7/3	5/18	6/1	6/26
10	-	-	-		-	-	-	-	-
50	-	6/27	6/3		-	-	6/15	-	-
90	-	-	-		-	-	-	-	-
Last	7/15	7/14	7/4		-	-	7/5	6/10	-
Second Generation									
First	8/7	7/23	7/28	7/21	7/17	7/28	8/3		7/9
10	-	-	-	-	-	-	-		-
50	-	7/31	8/2	7/30	7/29	8/5	-		7/28
90	-	-	-	-	8/9	-	-		-
Last	8/21	8/6	8/17	8/22	8/21	8/27	-		8/8
Numbers Collected									
1st gen.	2	4	7	-	1	1	4	2	1
2nd gen	3	6	7	9	11	8	1	-	4

7939 Furcula occidentalis (Lint., 1878)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/4			6/10			4/19	5/20 5/24
10	-			-			-	-
50	-			-			5/19	6/1
90	-			-			-	-
Last	-			-			7/5	6/2 5/27
Second Generation								
First	7/22	7/15		7/29		7/12	7/12	7/20 7/20
10	-	-		-		-	-	-
50	8/12	7/21		-		-	7/19	7/29 7/29
90	-	-		-		-	7/20	-
Last	8/17	7/23		8/1		7/15	7/25	8/3 8/20
Numbers Collected								
1st gen.	1	-		1		-	7	5 3
2nd gen	5	3		2		2	11	5 5

7941 Furcula modesta (Hudson, 1891)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First				6/20			4/14	5/20	6/14
10				-			-	-	-
50				-			5/2	-	-
90				-			-	-	-
Last				-			5/22	6/3	-
<u>Second Generation</u>									
First	8/16		8/2		7/22		7/5	8/9	
10	-		-		-		7/14	-	
50	-		-		7/28		8/5	-	
90	-		-		-		8/6	-	
Last	-		8/3		8/2		8/9	-	
<u>Numbers Collected</u>									
1st gen.	-		-	1	-		6	2	1
2nd gen	1		4	-	5		17	1	-

7951 Symmerista albifrons (J. E. Smith, 1797)

VF 1974 first m 6/11 last m 7/24-total 6. 1975 first m 6/21 last m 6/26-total 3. PP 1975 first m 6/5 last m 6/20-total 7. 1976 first m 6/9 last m 6/26-total 7. 1977 first m 6/4 last m 6/26-total 10. DD 6/10/78 1 m.

7958 Dasylophia thyatiroides (Wlk., 1862)

VF 8/4/74 1 m. PP 6/25/76 1 m. 1977 first m 5/17 last m 6/19-total 2.

7975 Macrurocampa marthesia (Cram., 1780)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/15	7/5	6/29		7/8	7/9	7/4		7/5
10	-	-	-		-	-	7/5		-
50	-	7/7	7/8		7/24	-	7/8		7/10
90	-	-	-		-	-	7/21		-
Last	-	8/1	8/18		7/30	7/16	8/8		7/15
<u>Numbers collected</u>									
	1	6	4		20	2	24		6

7983 Heterocampa obliqua Pack., 1864

PP 1975 first m 6/9 last m 6/23-total 2. 1976 first m 7/7 last m 7/19-total 6. 1977 first m 6/11 last m 7/16-total 25.

7994 Heterocampa guttivitta (Wlk., 1855)

saddled prominent

VF 1976 first m 6/5 last m 7/21-total 3. PP 1975 first m 5/27 last m 8/5-total 13. 1976 first m 5/31 last m 7/22-total 5. 1977 first m 5/21 last m 6/14-total 5.

7998 *Lochmaeus manteo* Doubleday, 1841**variable oakleaf caterpillar**

VF 1974 first m 7/17 last m 8/22-total 3. 7/17/75 1 m. **PP** 1976 first m 7/22 last m 7/24-total 2. 7/21/77 1 m.
DD 1978 first m 6/30 last m 7/16-total 3.

7999 *Lochmaeus bilineata* (Pack., 1864)

VF 7/4/74 1m. 7A2/75 1 m. 7/16/76 1 m. **PP** 1975 first m 6/8 last m 8/18-total 2. 1976 first m 6/7 last m 7/21-total 4. 1977 first m 7/3 last m 8/16-total 5. **DD** 1978 first m 8/3 last m 8/8-total 2.

8005 *Schizura ipomoeae* Doubleday, 1841

PP 1975 first m 8/5 last m 8/11 -total 2. 1976 first m 6/23 last m 7/31 -total 6. 1977 first m 6/21 last m 8/3-total 3. **DD** 1978 first m 6/19 last m 7/23-total 14.

8006 *Shizura badia* (Pack., 1864)

VF 7/9/74 1 m. 7/6/75 1 m. **PP** 1975 first m 6/29 last m 7/30-total 3. 7/21/76 1 m. 1977 first m 5/25 last m 6/20-total 11.

**8007 *Schizura unicornis* (J. E. Smith, 1797)
 unicorn caterpillar**

% Catch	Year and Date Catch Attained								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/15	6/18	5/28	6/14	6/10	5/20	5/18	6/25	5/28
10	-	-	-	-	-	-	5/19	-	5/29
50	-	6/25	6/16	-	6/23	6/14	6/14	-	6/7
90	-	-	6/28	-	-	-	6/24	-	7/3
Last	6/19	7/1	7/4	-	6/28	7/2	6/26	-	7/8
Second Generation									
First	7/18	7/19	7/28	7/26	7/22	7/11	7/5	8/5	7/23
10	-	-	-	-	-	-	7/8	-	-
50	8/15	8/6	8/5	-	7/31	8/4	7/24	8/11	8/3
90	-	-	8/17	-	8/30	-	8/16	-	8/22
Last	8/22	8/16	8/25	-	9/2	8/11	9/21	8/13	8/27
Numbers Collected									
1st gen.	2	5	12	1	7	3	16	1	29
2nd gen	7	14	13	1	14	3	26	3	18

8011 <i>Schizura leptinoides</i> (Grt., 1864)									
Year and Date Catch Attained									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/16	5/30	5/31	6/26		5/23	5/21		5/30
10	-	-	-	-		-	-		6/1
50	6/26	-	6/14	6/27		-	6/15		6/10
90	-	-	-	-		-	-		7/1
Last	7/9	-	6/27	7/7		-	6/19		7/2
Second Generation									
First	7/25	8/1	7/31	7/5	7/14	8/22	7/10		7/7
10	-	-	-	-	-	-	-		7/8
50	8/12	8/5	8/10	-	-	-	-		7/9
90	-	-	-	-	-	-	-		8/1
Last	8/22	8/12	8/17	-	-	-	-		8/9
Numbers Collected									
1st gen.	5	1	5	3	-	1	4		29
2nd gen	3	4	3	1	1	1	1		15

8012 *Oligocentria semirufescens* (Wik., 1865)

VF 7/9/75 1 m. PP 1975 first m 7/22 last m 7/29-total 3. 1977 first m 6/27 last m 7/14-total 4.

8017 *Oligocentria lignicolor* (Wik., 1855)

PP 8/2/76 1 m. 1977 first m 7/5 last m 8/7-total 7.

Arctiidae

8090 *Hypoprepia fucosa* Hbn., 1827-31

VF 7/26/74 1 m. 1975 first m 7/16 last m 8/8-total 4. 8/9/76 1 m. PP 1975 first m 6/9 last m 8/5-total 4. 1976 first m 7/16 last m 8/31 -total 11. 1977 first m 7/11 last m 7/18-total 2. DD 8/3/78 2 m.

8112 *Haploa confusa* (Lyman, 1887)

VF 8/1/74 1m. 1975 first m 7/11 last m 7/20-total 2. 1976 first m 7/27 last m 8/1-total 2. 8/5/78 1 m. PP 1975 first m 7/24 last m 8/16-total 2. 1976 first m 7/11 last m 7/31 -total 5. DD 1978 first m 7/20 last m 8/3-total 4.

8114 *Holomelina laeta* (Guer.-Meneville, 1832)

PP 6/27/76 1 m.

8123 *Holomelina ferruginosa* (Wik., 1854)

PP 1975 first m 5/30 last m 6/29-total 14. 1976 first m 6/1 last m 8/29-total 18. 1977 first m 5/24 last m 8/10-total 2.

**8129 *Pyrrharctia isabella* (J. E. Smith, 1797)
banded woollybear**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/9	5/27	5/28	6/8	5/31	5/22	5/16	6/6	5/30
10	6/12	5/30	6/2	6/15	6/15	5/24	6/9	6/10	6/2
50	6/24	6/25	6/26	6/23	6/23	6/9	6/18	6/19	6/10
90	7/6	7/1	7/1	7/1	6/29	6/19	7/4	6/24	6/18
Last	7/7	7/5	7/8	7/9	7/11	7/7	7/7	6/25	6/21
Second Generation									
First	8/12	7/12	8/2	7/18	9/4	8/13	9/5	8/16	8/16
10	-	-	8/6	-	-	-	-	-	-
50	-	9/1	8/26	7/25	-	8/31	9/8	8/19	8/22
90	-	-	-	-	-	-	-	-	8/30
Last	-	9/6	9/3	7/27	-	9/7	9/9	8/26	9/1
Numbers Collected									
1st gen.	28	18	156	38	72	34	91	11	33
2nd gen	1	7	19	4	1	3	3	3	13

**8131 *Estigmene acrea* (Drury, 1773)
saltmarsh caterpillar**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/25	5/21		6/16	6/16	5/20		5/28	5/27
10	-	-		-	-	-		-	5/28
50	-	6/19		6/20	-	5/23		6/25	6/9
90	-	-		-	-	-		-	7/4
Last	7/11	7/11		7/10	7/15	7/7		7/15	7/6
Second Generation									
First	8/5	7/23	8/2	8/7		7/16	7/21	7/25	7/29
10	-	-	-	-		-	-	7/27	8/1
50	8/13	8/11	-	-		7/21	8/8	8/6	8/17
90	-	8/24	-	-		-	-	8/20	8/31
Last	8/17	8/29	-	8/20		8/17	8/11	8/27	9/6
Numbers Collected									
1st gen.	2	4	-	7	4	4	-	9	20
2nd gen	4	14	1	8	-	5	5	36	52

8133 *Spilosoma latipennis* Stretch, 1872

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/12	6/3	6/3	6/14	6/12	5/26	5/19	6/9	6/2
10	-	-	-	-	-	-	-	-	6/3
50	-	6/9	6/7	6/21	6/15	-	5/30	6/15	6/9
90	-	-	6/12	-	-	-	-	-	6/14
Last	-	6/13	6/21	6/24	6/23	6/8	8/17	6/19	6/16
Numbers collected									
	1	3	14	8	7	2	9	4	23

8134 Spilosoma congrua Wlk., 1855

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/3		5/20	6/15			6/6
10			6/4		-	-			-
50			6/9		-	-			6/8
90			6/11		-	-			-
Last			6/16		5/31	-			6/11
Numbers collected									
		26		14		1			5

8137 Spilosoma virginica (F., 1798)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/15	5/14	5/16	4/22	5/5	4/22	4/13	5/20	5/20
10	6/2	5/21	5/23	5/26	5/16	5/17	5/13	5/26	5/25
50	6/10	6/1	6/2	6/14	6/6	6/1	5/24	6/10	6/6
90	7/8	7/1	6/29	6/30	7/4	7/12	7/7	7/4	7/4
Last	7/14	7/11	7/11	7/11	7/13	7/16	7/15	7/14	7/15
Second Generation									
First	7/17	7/14	7/15	7/20	7/16	7/18	7/22	7/18	7/22
10	7/28	7/19	8/1	7/24	7/23	-	7/24	7/24	7/25
50	8/11	7/31	8/5	8/1	8/2	7/29	7/27	8/3	7/31
90	8/23	8/17	8/14	8/12	8/23	8/13	8/10	8/15	8/21
Last	8/30	9/2	9/7	9/15	9/18	9/4	9/2	8/28	9/2
Numbers Collected									
1st gen.	161	95	190	233	73	165	99	121	150
2nd gen	107	252	108	200	83	168	72	185	98

**8140 Hyphantria cunea (Drury, 1773)
fall webworm**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/19	6/3	6/1	6/17	5/15	6/14	5/24	6/8	6/1
10	6/20	-	6/5	-	6/15	-	6/12	-	6/8
50	6/29	6/14	6/9	6/22	6/24	6/23	6/19	6/24	6/19
90	7/10	-	6/18	-	7/3	7/3	6/26	7/13	7/1
Last	7/14	6/17	6/26	6/29	7/11	7/31	7/11	7/15	7/7
Numbers collected									
	21	11	58	8	29	11	75	11	57

8156 Phragmatobia fuliginosa (L., 1758)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/15	6/1	5/17	4/17	5/15	4/22	4/22		
10	-	-	-	-	-	-	-		
50	5/20	-	-	5/13	-	-	-		
90	-	-	-	-	-	-	-		
Last	6/6	-	5/24	5/16	-	5/23	5/17		
Second Generation									
First	7/18	7/8	7/15	7/9	7/12	7/5	7/4	7/12	7/19
10	7/19	7/12	-	7/20	7/21	7/12	7/8	7/21	-
50	8/4	7/15	7/20	7/28	7/28	7/17	7/25	7/27	7/24
90	8/14	7/31	8/20	8/8	8/2	8/30	7/31	8/7	8/5
Last	9/9	8/30	9/30	9/3	9/14	9/16	9/5	8/16	8/6
Numbers Collected									
1st gen.	5	1	9	3	1	5	2	-	-
2nd gen	30	37	13	152	41	206	119	182	10

8169 Apantesis phalerata (Harr., 1841)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/7	6/18		6/21	6/12	6/4	5/19		6/2
10	-	-		-	-	-	-		-
50	6/15	-		-	-	-	6/1		6/19
90	-	-		-	-	-	-		-
Last	6/28	6/25		-	-	-	6/19		6/24
Second Generation									
First	8/4	8/1	7/30	7/30	8/26		8/3	6/31	8/5
10	-	-	-	-	-		-	-	-
50	8/16	8/6	-	7/31	-		-	8/9	8/13
90	-	-	-	-	-		-	-	-
Last	9/9	8/30	8/26	8/31	-		8/5	8/16	8/24
Numbers Collected									
1st gen.	3	2	-	1	1	1	4	-	4
2nd gen	6	7	2	5	1	-	2	7	6

8171 Apantesis nais (Drury, 1773)

DD 6/5/78 1 m.

8175 Apantesis virguncula (W. Kby., 1837)

VF 6/20/75 1 m. PP 7/13/76 1 m. 6/16/77 1 m. DD 1978 first m 6/12 last m 6/18-total 2.

8188 Apantesis figurata (Drury, 1773)

PP 6/9/76 1 m.

8194 Apantesis phyllira (Drury, 1773)

PP 7/28/75 1 m. 1977 first m 7/20 last m 7/24-total 2.

8197 *Apantesis virgo* (L., 1758)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/7	7/11	7/7	7/3	6/30	7/21	7/4
10			-	-	7/12	-	7/10	-	-
50			7/7	-	7/21	7/5	7/14	-	7/16
90			7/28	-	7/29	-	7/22	-	-
Last			8/2	7/15	8/3	7/7	8/6	7/25	7/27
Numbers collected									
			13	2	56	3	91	3	8

8199 *Apantesis arge* (Drury, 1773)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/1		5/18		4/21		5/4	7/26	5/23
10	-		-		7/21		7/5	-	5/24
50	-		7/30		7/24		7/19	8/4	7/31
90	-		-		8/10		7/25	-	8/13
Last	-		8/17		8/17		9/15	10/5	8/14
Numbers collected									
	1		6		19		30	5	13

**8203 *Halysidota tessellaris* (J. E. Smith, 1797)
pale tussock moth**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/17	6/5	6/8	6/16	6/15	6/5	6/14	6/12	6/7
10	6/22	6/22	6/26	6/23	6/22	6/24	6/24	6/29	6/29
50	7/5	7/8	7/6	7/2	7/4	7/7	7/8	7/9	7/14
90	8/5	7/16	7/15	7/22	7/25	7/15	7/15	7/23	7/28
Last	8/11	7/24	7/31	8/1	8/10	7/24	8/1	8/8	8/14
Numbers collected									
	86	200	349	113	159	398	486	377	993

8211 Lophocampa caryae Harr., 1841

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/30	5/27	6/1	5/28	5/31	5/18	5/12	5/30	5/23
10	6/9	5/31	-	6/1	6/10	5/23	5/23	6/2	6/1
50	6/15	6/7	6/7	6/10	6/15	6/4	5/28	6/11	6/8
90	6/20	6/15	6/13	6/20	6/16	6/15	6/16	6/19	6/17
Last	6/28	6/23	6/22	6/24	6/26	6/22	6/17	7/1	6/23
Numbers collected									
	165	70	23	79	15	59	15	41	144

8230 Cynia tenera Hbn., 1818

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/9	6/3	5/25	6/8	6/8	5/17	5/17	6/8	6/1
10	6/20	-	5/30	6/15	6/12	5/27	5/22	6/12	6/4
50	7/4	6/24	6/15	6/27	6/29	6/17	6/18	7/4	6/25
90	7/8	-	6/30	7/7	7/11	7/15	7/18	7/17	7/15
Last	7/23	7/7	7/22	7/9	7/23	7/19	7/22	7/22	7/21
Second Generation									
First		8/15	8/15	8/28	8/20	7/31	8/30	7/28	7/25
10		-	-	-	-	-	-	8/1	7/28
50		-	8/18	-	-	8/8	-	8/5	8/11
90		-	-	-	-	8/13	-	8/12	8/30
Last		8/29	8/25	-	8/25	8/30	-	8/15	8/31
Numbers Collected									
1st gen.	15	6	53	21	54	15	35	26	49
2nd gen	-	2	6	1	2	11	1	15	32

8231 Cynia oregonensis (Stretch, 1873)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/11	6/23	5/24	7/17	5/17	5/19	5/13	5/30	5/23
10	-	-	-	-	5/18	-	-	-	-
50	-	-	6/29	-	6/2	-	5/18	-	5/30
90	-	-	-	-	6/23	-	5/27	-	6/6
Last	7/9	7/16	7/11	-	6/24	-	6/17	-	6/12
Second Generation									
First	8/14	8/1	7/22		7/25			8/2	7/24
10	-	-	-		-			-	-
50	-	8/5	-		-			-	8/3
90	-	-	-		-			-	-
Last	-	8/11	-		8/27			8/29	8/22
Numbers Collected									
1st gen.	2	2	8	1	15	3	10	1	14
2nd gen	1	3	1	-	2	-	-	3	17

8238 Euchaetes egle (Drury, 1773)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/15	7/1	6/3	6/20	6/20	6/12	6/6	6/7	6/2
10	-	-	-	6/29	6/23	-	6/9	6/10	6/18
50	7/2	-	7/1	7/4	6/30	7/5	6/23	6/29	7/1
90	7/28	-	-	7/18	7/17	7/7	-	7/13	7/17
Last	8/6	-	7/10	7/31	7/23	7/11	7/9	7/14	8/4
Numbers collected									
	20	3	9	19	18	11	19	43	81

**8262 Ctenucha virginica (Esp., 1794)
yellow wollybear**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/19	6/17	6/5	6/17	6/9	6/13	6/4	6/18	6/16
10	6/25	6/21	6/15	6/23	6/19	6/17	6/13	6/22	6/22
50	7/4	6/29	6/28	6/30	6/28	6/26	6/27	7/1	7/2
90	-	7/2	7/6	7/10	7/9	7/4	7/6	7/12	7/9
Last	7/15	7/10	7/19	7/20	7/25	7/10	7/24	7/17	7/24
Numbers collected									
	20	19	830	128	591	92	317	46	116

8267 Cisseps fulvicollis (Hbn., 1818)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/1	5/27	5/31	5/30	5/30	5/20	5/20	6/4	6/1
10	6/6	6/1	6/1	6/9	6/8	5/23	5/23	6/11	6/7
50	6/9	6/18	6/18	6/17	6/15	5/31	5/24	6/18	6/13
90	6/22	6/27	6/29	6/23	6/22	6/1	6/18	7/7	6/25
Last	7/16	7/7	7/9	7/5	7/2	6/30	6/28	7/13	7/8
Second Generation									
First	7/23	7/13	7/21	7/11	7/16	7/12	7/12	7/26	7/22
10	8/4	7/28	8/2	7/31	8/2	7/24	7/20	8/6	8/5
50	8/14	8/4	8/14	8/16	8/22	8/8	8/7	8/14	8/12
90	9/12	8/22	9/17	8/27	8/27	9/5	9/1	8/28	9/2
Last	10/13	11/8	11/8	9/26	9/18	9/30	9/27	10/22	9/23
Numbers Collected									
1st gen.	329	412	337	592	219	140	98	143	60
2nd gen	274	2310	254	1584	307	985	196	430	235

Lymantriidae

8302 *Dasychira obliquata* (G. & R., 1866)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/30		7/11		7/8		
10			7/4		-		-		
50			8/6		7/28		7/31		
90			8/13		-		8/13		
Last			8/18		8/27		8/28		
<u>Numbers collected</u>									
			55		9		12		

8314 *Orgyia definita* Pack., 1864

VF 10/19/75 3 m. 9/16/76 1 m. PP 1975 first m 8/25 last m 9/28-total 5. 7/23/76 1 m. 1977 first m 9/5 last m 9/30-total 11. DD 10/22/78 2 m.

8316 *Orgyia leucostigma* (J. E. Smith, 1797)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/25	7/9	7/3	6/29	7/1	6/24	6/24	7/7	7/4
10	7/26	-	-	-	7/5	-	7/3	-	-
50	8/9	7/25	8/5	7/8	7/21	6/29	7/20	-	7/18
90	8/14	-	8/18	8/8	8/2	-	8/3	-	8/8
Last	8/18	8/17	8/22	8/9	8/11	8/10	8/10	7/13	8/9
<u>Second Generation</u>									
First	8/24	9/24	8/29	9/7	8/18	8/31	8/31	8/29	9/3
10	8/26	-	-	-	8/29	-	9/12	-	9/11
50	9/7	-	10/9	9/17	9/26	9/16	9/20	-	9/23
90	11/1	-	10/26	-	-	-	10/1	-	10/5
Last	11/4	9/26	10/29	10/1	10/6	10/26	10/26	9/21	10/19
<u>Numbers Collected</u>									
1st gen.	18	5	24	14	57	6	59	2	14
2nd gen	21	2	14	3	61	4	35	2	22

8318 *Lymantria dispar* (L., 1758)

gypsy moth

VF 7/21/77 1 m. 8/6/78 1 m. PP 1976 first m 8/9 last m 8/10-total 2. 7/31/77 1 m. DD 1978 first m 8/1 last 8/5-total 5. CB 1983 first m 7/24 last m 8/22-total 15.

Noctuidae

8322 *Idia americalis* (Gn., 1854)

VF 1974 first m 7/31 last m 8/23-total 2. 1975 first m 6/24 last m 8/26-total 3. 1976 first m 7/8 last m 8/8-total 4. **PP** 1975 first m 6/13 last m 11/4-total 7. 1976 first m 6/7 last m 9/26-total 20.

8323 *Idia aemula* Hbn., 1813

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/4	7/16	5/30	7/3	6/15	6/29	6/24	6/25	6/9
10	-	-	6/6	-	6/24	-	6/28	-	-
50	8/5	-	7/4	7/12	7/23	7/6	7/11	-	6/22
90	-	-	7/28	-	8/2	-	8/11	-	-
Last	8/10	7/18	8/2	7/29	8/10	7/25	8/14	7/5	6/24
Second Generation									
First	9/7	8/15	8/14	8/18	8/22	8/11	8/21	8/28	9/2
10	-	-	8/17	-	-	8/16	9/6	-	9/3
50	-	8/20	9/14	9/10	9/14	9/5	9/16	-	9/27
90	-	-	11/3	-	-	-	-	-	10/13
Last	9/21	8/22	11/5	9/16	9/27	10/1	11/3	10/3	10/24
Numbers Collected									
1st gen.	3	2	28	4	36	4	40	2	3
2nd gen	2	7	40	6	8	19	25	2	19

8326 *Idia rotundalis* (Wlk., 1866)

VF 7/23/76 1 m. **PP** 8/7/76 1 m.

8334 *Idia lubricalis* (Gey., 1832)

VF 1974 first m 7/9 last m 8/9-total 3. 1975 first m 7/16 last m 8/12-total 2. 7/6/76 1 m. 7/22/78 2 m. **PP** 1975 first m 6/29 last m 8/12-total 14. 1976 first m 7/21 last m 8/27-total 8. 1977 first m 7/15 last m 8/11 - total 5. **DD** 8/9/78 1 m.

8338 *Phalaenophana pyramusalis* (Wlk., 1859)

VF 5/5/77 1 m. **PP** 6/26/76 1 m. **DD** 6/3/78 1 m.

8345 Zanclognatha laevigata (Grt., 1872)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First			7/4		7/12		7/4	
10			-		-		7/7	
50			7/16		7/22		7/13	
90			-		8/19		7/24	
Last			7/28		8/28		8/16	
Numbers collected								
		10		10		45		

8348 Zanclognatha pedipilalis (Gn., 1854)

PP 1975 first m 6/3 last m 6/15-total 8. 1976 first m 6/14 last m 7/25-total 7. 1977 first m 6/1 last m 6/30-total 8.

8349 Zanclognatha protumnusalis (Wik/. 1859)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	7/4	7/21	7/2	6/18	6/30		6/20	7/15
10	-	-	-	-	-		-	-
50	-	-	7/9	7/8	7/18		7/18	-
90	-	-	-	-	7/30		7/25	-
Last	-	-	7/11	7/16	8/31		7/26	7/31
Numbers collected								
	1	1	5	7	10		12	2

8351 Zanclognatha cruralis (Gn., 1854)

VF 6/3/76 1 m. PP 1975 first m 6/18 last m 8/18-total 3. 1976 first m 6/19 last m 9/17-total 7.

8352 Zanclognatha jacchusalis (Wik., 1859)

VF 1975 first m 6/13 last m 8/25-total 5. 1977 first m 9/9 last m 9/20-total 2. 10/5/78 1 m. PP 1975 first m 6/12 last m 7/18-total 7. 1977 first m 6/30 last m 9/26-total 7. DD 1978 first m 7/6 last m 9/25-total 9.

8353 Zanclognatha ochreipennis (Grt., 1872)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	7/26	7/16	7/14	7/17	7/19		6/28	7/21
10	-	-	-	-	-		7/7	-
50	-	-	7/28	-	7/31		7/19	8/4
90	-	-	-	-	-		8/5	8/6
Last	-	7/26	7/29	-	8/31		8/9	8/22
Numbers collected								
	1	2	5	1	4		40	10

8355 Chytolita morbidalis (Gn., 1854)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/17	6/15	5/31	6/16	6/1	5/22	6/11	6/1
10	-	-	-	-	6/10	-	-	-
50	-	-	6/1	-	6/19	-	-	6/6
90	-	-	6/20	-	6/25	-	-	-
Last	-	-	7/14	-	7/25	-	-	6/25
Numbers collected								
	1	1	16	1	18	1	1	8

8356 Chylolita petrealis Grt., 1880
DD 7/4/78 1 m.

8357 Hormisa absorptalis Wlk., 1859

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	7/8	6/20	5/29	6/18	6/17	6/26	6/9	6/22 7/3
10	-	-	6/16	6/24	6/20	-	6/16	-
50	-	-	7/4	7/6	7/5	7/2	7/8	7/7
90	-	-	7/21	7/29	8/4	-	7/31	-
Last	-	7/4	7/26	8/20	8/14	8/2	8/2	7/26
Numbers collected								
	1	2	15	34	48	6	30	7 1

8360 Hormisa orciferalis Wlk., 1859

VF 8/11/74 1 m. 1975 first m 6/10 last m 7/13-total 2. 8/22/76 1 m. PP 1975 first m 6/13 last m 8/22-total 3. 1976 first m 6/8 last m 8/27-total 5. DD 8/12/78 1 m.

8362 Phalaenostola metonalis (Wlk., 1859)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/13		6/8		6/1		
10			-		6/10		-		
50			6/20		6/18		6/10		
90			7/14		7/16		-		
Last			7/17		7/17		6/23		
Second Generation									
First			7/24		7/21		7/19		
10			-		7/24		-		
50			-		8/7		8/15		
90			-		-		8/21		
Last			8/15		9/4		8/22		
Numbers Collected									
1st gen.			10		26		5		
2nd gen			2		17		10		

8363 Phalaenostola eumelusalis (Wlk., 1859)

VF 8/21/76 1 m. 7/4/77 1 m. PP 1975 first m 6/11 last m 6/19-total 2. 1976 first m 6/4 last m 7/31-total 10. 1977 first m 6/4 last m 7/21-total 14. DD 1978 first m 7/13 last m 7/31 -total 3.

8364 Phalaenostola larentioides Grt., 1873

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/10	6/30	5/30	5/12	6/5	6/27	6/4	7/13	
10	-	7/1	6/24	7/1	7/2	-	6/24	-	
50	7/26	7/13	7/11	7/8	7/14	7/6	7/17	-	
90	-	8/26	8/17	8/4	8/2	-	8/30	-	
Last	8/7	9/27	9/4	8/11	9/4	8/31	9/13	-	
Numbers collected									
	9	25	25	40	46	7	20	1	

8365 Phalaenostola hanhami (Sm., 1899)

PP 7/18/76 1 m. 6/25/77 1 m.

8370 Bleptina caradrinalis Gn., 1854

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/28	7/3	6/22		6/18		
10			-	-	6/23		-		
50			7/3	-	6/29		7/1		
90			-	-	-		-		
Last			7/17	7/6	7/14		7/19		
Numbers collected									
		10		2	16		8		

8379 Renia factiosalis (Wik., 1859)

PP 1975 first m 6/25 last m 7/30-total 3. 1976 first m 7/24 last m 8/27-total 6. 1977 first m 7/8 last m 8/1 - total 6.

8381 Renia discoloralis Gn., 1854

VF 8/1/75 1m. **PP** 1975 first m 7/4 last m 8/22-total 6. 1976 first m 7/23 last m 8/7-total 6. 1977 first m 7/8 last m 8/11-total 13.

8384.1 Renia flavipunctalis (Gey, 1832)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/26	7/11	6/28		7/14		7/5		
10	-	-	-		-		-		
50	-	-	7/14		7/29		7/18		
90	-	-	7/19		8/7		-		
Last	-	7/15	8/14		8/10		8/3		
Numbers collected									
	1	2	23		13		9		

8385 Renia fraternalis Sm., 1895

VF 7/11/77 1 m. **PP** 1977 first m 7/5 last m 7/17-total 3. **DD** 1978 first m 6/26 last m 7/31-total 5.

8386 Renia adspergillus (Bosc, 1800)

VF 1976 first m 6/30 last m 8/30-total 2. **PP** 1976 first m 7/1 last m 7/4-total 4.

8387 Renia sobrialis (Wik., 1859)

PP 1975 first m 7/7 last m 7/14-total 3. 1976 first m 7/6 last m 7/16-total 7. 7/5/77 1 m. **DD** 7/23/78 1 m.

8393 Lascoria ambigualis Wik., 1866

VF 5/30/75 1 m. **PP** 8/11/76 1 m. 1977 first m 5/22 last m 8/24-total 2.

8397 *Palthis angularis* (Hbn., 1796)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/5	5/31	5/27	6/16	6/8	5/23	5/17	5/30	5/26
10	-	-	-	-	-	-	-	-	5/30
50	-	-	5/30	-	6/11	-	5/21	6/7	6/6
90	-	-	6/20	-	-	-	6/14	-	6/11
Last	6/10	-	6/27	-	6/16	6/1	7/11	7/8	7/9
<u>Second Generation</u>									
First	7/28	7/17		7/29	7/31	7/19	7/18	8/24	7/21
10	-	-		-	8/1	-	-	-	-
50	8/12	8/4		8/6	8/8	7/30	7/28	-	7/31
90	-	-		-	8/20	-	8/17	-	-
Last	8/30	9/8		8/11	8/27	8/29	8/20	-	8/24
<u>Numbers Collected</u>									
1st gen.	2	1	11	1	9	2	23	4	48
2nd gen	8	3	-	7	19	3	13	1	5

8404 *Rivula propinqualis* Gn., 1854

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/9	6/13	6/9	6/23			5/27	6/18	6/7
10	-	-	-	-			-	-	-
50	6/21	-	6/14	6/26			6/13	-	6/18
90	-	-	-	-			-	-	-
Last	7/1	-	6/20	6/30			6/27	-	7/5
<u>Second Generation</u>									
First				7/14	8/2	7/25	7/14	9/11	7/27
10				-	-	-	-	-	-
50				7/20	8/14	-	8/14	-	9/19
90				-	-	-	-	-	9/24
Last				7/31	9/5	7/30	9/18	-	9/25
<u>Numbers Collected</u>									
1st gen.	12	1	4	3	-	-	8	1	8
2nd gen	-	-	-	3	13	2	6	1	10

8411 *Colobochoyla interpuncta* (Grt., 1872)

PP 1975 first m 5/21 last m 7/19-total 5. 5/20/77 1 m.

8413 *Mycterophora inexplicata* (Wik., 1862)

VF 1974 first m 7/7 last m 7/22-total 2. 1976 first m 7/8 last m 7/30-total 2. 6/23/77 1 m.

8418 *Parascotia fuliginaria* (L., 1761)

VF 7/10/78 1 m.

8441 Bomolocha manalis (Wlk., 1859)

VF 1975 first m 6/31 last m 8/26-total 2. 1976 first m 8/6 last m 8/10-total 2. 6/24/77 1 m. PP 1976 first m 6/23 last m 8/14-total 2.

8442 Bomolocha baltimoralis (Gn., 1854)

% Catch	Year and Date Catch Attained								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/1	7/8	5/27	6/18	5/30	5/16	5/17		5/29
10	-	-	-	-	-	-	5/20		-
50	-	-	5/31	-	6/11	-	5/22		6/8
90	-	-	-	-	-	-	6/14		-
Last	7/9	-	7/4	-	7/11	-	7/8		7/5
Second Generation									
First			7/29		7/22	7/22	7/14	7/22	8/17
10			-		-	-	7/18	-	-
50			8/14		8/13	-	8/10	-	9/2
90			-		-	-	8/24	-	-
Last			11/4		8/28	-	9/12	8/7	9/3
Numbers Collected									
1st gen.	2	1	4	1	5	1	28	-	7
2nd gen	-	-	6	-	9	1	28	2	3

8443 Bomolocha bijugalis (Wlk., 1859)

VF 8/27/76 1 m. 8/5/77 1 m. 6/22/78 1 m. PP 6/27/75 1 m. 6/31/77 1 m. DD 1978 first m 8/17 last m 9/3-total 2.

8444 Bomolocha palparia (Wlk., 1861)

VF 7/19/78 1 m. PP 7/7/77 1 m.

8445 Bomolocha abalienalis (Wlk., 1859)

VF 1974 first m 7/9 last m 9/6-total 2. 8/20/75 1 m. 1976 first m 6/15 last m 8/13-total 2. 1977 first m 6/27 last m 8/12-total 3. 5/30/78 1 m. PP 6/18/75 1 m. 8/29/76 1 m. 1977 first m 5/27 last m 9/1-total 7. DD 1978 first m 6/2 last m 7/9-total 4.

8446 Bomolocha deceptalis (Wlk., 1859)

DD 1978 first m 5/29 last m 7/7-total 5.

8447 Bomolocha madefactalis (Gn., 1854)

VF 1974 first m 8/13 last m 8/23-total 3. PP 1977 first m 5/21 last m 8/30-total 6.

8448 Bomolocha sordidula (Grt., 1872)

VF 8/7/74 1 m.

8450 Bomolocha atomaria Sm., 1903

VF 7/7/78 1 m. PP 1975 first m 8/6 last m 8/13-total 3. 1976 first 6/15 last m 8/14-total 2. 1977 first m 6/1 last m 6/18-total 6.

8452 Bomolocha edictalis (Wik., 1859)

PP 7/17/77 1 m.

8455 Lomanaltes eductalis (Wik., 1859)

PP 1976 first m 6/23 last m 8/14-total 2. 1977 first m 5/23 last m 8/7-total 4. DD 1978 first m 6/10 last m 6/12-total 2.

8461 Hypena humuli Harr., 1841**hop looper**

VF 10/7/74 1 m. PP 5/13/75 1 m. 1977 first m 4/19 last m 7/13-total 3.

8465 Plathypena scabra (F., 1798)**green cloverworm**Year and Date Catch Attained

% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/5	6/14	5/26	5/17	6/17	5/10	5/10	6/23	5/29
10	-	-	-	-	-	-	-	-	-
50	-	6/19	-	6/18	6/23	-	-	-	6/10
90	-	-	-	6/24	-	-	-	-	-
Last	-	6/24	6/23	6/29	6/29	6/17	6/16	6/24	6/20
Second Generation									
First	7/4	7/9	7/11	7/3	7/3	8/1	7/6	7/14	7/22
10	-	7/19	-	7/7	7/4	8/4	7/12	-	7/24
50	7/5	7/29	7/31	8/1	7/30	8/6	8/6	8/1	7/31
90	-	8/8	8/14	8/19	8/24	8/13	8/27	-	8/11
Last	8/8	8/27	8/27	9/1	9/1	8/14	8/29	8/16	8/16
Third Generation									
First	10/3	9/5	9/1	9/14	9/26	9/21	9/29	9/27	8/30
10	-	9/8	10/1	-	10/1	9/30	9/30	-	9/30
50	11/4	10/1	10/13	9/30	10/2	10/15	10/18	-	10/10
90	-	11/4	10/29	-	10/9	11/3	11/6	-	10/26
Last	11/5	11/9	11/9	10/24	10/24	11/6	11/9	10/2	11/3
Numbers Collected									
1st gen.	1	3	2	13	14	2	4	2	6
2ndgen.	4	75	13	64	26	22	16	4	30
3rd gen.	3	60	115	7	36	17	36	2	51

8479 Spargaloma sexpunctata Gil., 1873

VF 1974 first m 6/5 last m 7/18-total 2. 8/26/75 1 m. 8/21/76 1 m. 8/8/77 1 m. PP 1975 first m 6/6 last m 7/9-total 7. 1976 first m 6/7 last m 7/4-total 4. 1977 first m 5/21 last m 8/20-total 3. DD 7/6/78 1 m.

8490 Pangrapta decoralis Hbn., 1818

PP 1975 first m 6/1 last m 9/2-total 5. 6/23/76 1 m.

8491 Ledaea perditalis (Wik., 1859)

PP 1976 first m 6/15 last m 8/7-total 3. 5/23/77 1 m.

8499 Metalectra discalis (Grt., 1876)

PP 7/6/75 1 m. DD 1978 first m 7/14 last m 7/29-total 2.

8500 Metalectra quadrisignata (Wik., 1858)

VF 1976 8/17/76 1 m. PP 7/23/76 1 m.

8534 Plusiodonta compressipalpis Gn., 1852

VF 1974 first m 6/3 last m 8/5-total 3. 1975 first m 5/17 last m 6/24-total 6. 1976 first m 7/16 last m 8/8-total 3. 1977 first m 6/28 last m 7/17-total 2. 1978 first m 6/4 last m 8/5-total 5. PP 1975 first m 6/23 last m 7/19-total 3. DD 1978 first m 6/2 last m 7/29-total 4.

8536 Calyptra canadensis (Bethune, 1865)

VF 8/24/75 1 m. 7/12/76 1 m. 9/5/77 1 m. PP 1975 first m 6/16 last m 8/14-total 10. 1976 first m 6/22 last m 7/8-total 4. 1977 first m 6/30 last m 9/6-total 4.

8545 Anomis erosa Hbn., 1821

VF 9/19/77 1 m. PP 1977 first m 5/10 last m 10/6-total 8.

8554 Alabama argillacea (Hbn., 1823)**cotton leafworm**

VF 10/1/77 2 m. 9/19/78 2 m. PP 9/9/77 2 m.

8555 Scoliopteryx libatrix (L., 1758)

% Catch	Year and Date Catch Attained								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/28	5/21		6/20		7/8		6/6	5/11
10	-	-		-		-		-	-
50	-	7/4		7/2		-		7/9	7/3
90	-	-		-		-		-	-
Last	5/1	7/14		7/12		-		7/16	7/11
Second Generation									
First	7/25	8/9	8/9		7/23	8/28		8/16	7/23
10	-	-	-		-	-		-	-
50	-	-	-		-	-		-	7/24
90	-	-	-		-	-		-	-
Last	-	10/10	9/9		7/27	-		8/25	8/28
Numbers Collected									
1st gen.	2	4	-	5	-	2		8	5
2nd gen	1	2	2	-	2	1		2	6

8574 Anticarsia gemmatalis Hbn., 1818
velvetbean caterpillar

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		9/20	9/26	9/15		9/16	5/10	9/18	9/22
10		9/26	-	-		9/17	9/16	-	-
50		10/19	10/20	-		9/20	9/19	-	10/4
90		10/26	-	-		-	9/30	-	-
Last		11/11	11/10	-		9/30	10/1	9/20	10/13
Numbers collected									
		18	6	1		23	15	2	3

8587 Panopoda rufimargo (Hbn., 1818)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/1	7/4	6/27	6/26	6/9	6/26	6/11	7/7	7/8
10	-	-	-	-	-	6/27	-	-	-
50	-	-	7/9	7/6	6/28	7/7	6/17	-	-
90	-	-	-	-	-	-	-	-	-
Last	-	7/18	7/15	7/8	7/30	7/8	7/8	7/17	9/21
Numbers collected									
	1	2	6	3	4	17	9	2	2

8588 Panopoda carneicosta Gn., 1852

VF 1974 first m 7/14 last m 7/26-total 2. 1975 first m 7/8 last m 7/29-total 3. 1976 first m 6/28 last m 6/19-total 7. 1977 first m 6/27 last m 7/6-total 2. 7/26/78 1 m. PP 7/7/77 1 m. DD 1978 first m 6/29 last m 7/23-total 8.

8591 Phoberia atomaris Hbn., 1818

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/30	4/18	4/30	6/20	4/14	4/12	3/30	5/26	5/11
10	-	-	5/1	-	-	-	4/12	-	-
50	-	5/17	5/11	-	4/16	4/19	4/20	-	5/27
90	-	-	5/20	-	4/21	-	4/21	-	-
Last	-	5/28	5/26	-	4/22	4/21	4/27	5/28	5/28
Numbers collected									
	1	3	74	1	24	5	119	2	18

8641 Synedoida grandirena (Haw., 1809)

PP 1975 first m 5/31 last m 8/11 -total 7. 1977 first m 5/31 last m 8/8-total 3. DD 7/8/78 1 m.

8649 Ascalapha odorata (L., 1758)

black witch

DD 8/16/78 1 m.

8689 Zale lunata (Drury, 1773)

VF 9/19/74 1 m. 1975 first m 6/27 last m 8/1 -total 2. 7/10/76 1 m. 8/17/77 1 m. PP 7/1/75 1 m. 9/11/76 1 m. 1977 first m 5/21 last m 10/4-total 4. DD 1978 first m 6/28 last m 10/30-total 5.

8692 Zale galbanata (Morr., 1876)

VF 6/11/74 1 m. 8/10/75 1 m. 1976 first m 5/25 last m 6/20-total 2. 6/26/77 1 m. 6/12/78 1 m. PP 1975 first m 5/19 last m 8/13-total 7. 1976 first m 5/1 last m 8/29-total 5. 1977 first m 5/22 last m 5/31 -total 3. DD 1978 first m 6/2 last m 8/12-total 11.

8695 Zale undularis (Drury, 1773)

VF 6/26/74 1 m. 6/2/75 1 m. 1977 first m 6/14 last m 6/25-total 2. PP 1975 first m 5/31 last m 6/12-total 7. 1976 first m 6/1 last m 6/23-total 5. 1977 first m 5/10 last m 6/11 -total 5. DD 1978 first m 5/29 last m 6/7-total 2.

8697 Zale minerea (Gn., 1852)

VF 1974 first m 6/11 last m 7/8-total 2. 6/1/75 1 m. PP 1975 first m 5/12 last m 5/31-total 8. 1976 first m 6/1 last m 6/20-total 3. 1977 first m 5/17 last m 5/24-total 4. DD 1978 first m 5/29 last m 7/7-total 4.

8703 Zale duplicata (Bethune, 1865)

VF 6/20/76 1 m. 5/17/77 1 m. PP 1975 first m 5/13 last m 5/16-total 2. 1976 first m 4/22 last m 5/20-total 8. 1977 first m 4/19 last m 5/30-total 14.

8704 Zale helata (Sm, 1908)

VF 6/25/76 1 m. PP 1975 first m 5/15 last m 6/20-total 7. 1976 first m 6/7 last m 6/17-total 7. 1977 first m 5/23 last m 6/11 -total 3.

8707 Zale metatoides McD., 1943

% Catch	Year and Date Catch Attained							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First			6/1		5/16		5/18	
10			-		6/1		-	
50			-		6/16		5/24	
90			-		6/23		6/4	
Last			6/12		6/24		6/18	
Numbers collected								
			5		26		13	

8713 Zale lunifera (Hbn., 1818)

PP 4/19/77 1 m.

8716 *Zale unilineata* (Grt., 1876)

VF 6/20/76 1m. 5/16/77/1 m. **PP** 1975 first m 5/13 last m 5/16-total 2. 1977 first m 4/19 last m 6/4-total 14. **DD** 6/1/78 1 m.

8717 *Zale horrida* Hbn., 1818

VF 5/23/74 1m. 1976 first m 5/19 last m 6/16-total 2. **PP** 6/15/75 1 m. 1976 first m 5/18 last m 6/30-total 3. 1977 first m 5/24 last m 6/29-total 3. **DD** 6/17/78 1 m.

8719 *Euparthenos nubilis* (Hbn., 1823)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		7/5	5/25	6/5	5/16	5/19	5/22	7/16	6/9
10		-	6/1	-	6/11	-	-	-	-
50		-	6/14	6/17	6/23	-	6/13	-	6/12
90		-	7/7	-	7/11	-	7/7	-	-
Last		7/7	7/8	7/5	7/13	-	7/8	-	7/5
Second Generation									
First		8/13	8/12		8/20		7/22		7/31
10		-	-		-		-		-
50		-	8/14		-		8/4		8/9
90		-	-		-		-		-
Last		-	8/29		-		8/29		9/2
Numbers Collected									
1st gen.		2	16	4	22	1	13	1	9
2nd gen		1	5	-	1	-	4	-	3

8727 *Parallelia bistrariis* Hbn., 1818

VF 6/20/74 1 m. 1975 first m 6/15 last m 7/29-total 2. 7/29/76 1 m. 6/27/77 1 m. 1978 first m 7/16 last m 8/25-total 3. **PP** 1975 first m 5/30 last m 7/14-total 7. 1976 first m 5/31 last m 9/9-total 5. 1977 first m 5/22 last m 9/10-total 3. **DD** 1978 first m 6/1 last m 7/9-total 2.

8731 *Euclidia cuspidata* (Hbn., 1818)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/21		5/5		5/17		
10			5/22		5/15		5/18		
50			5/30		6/9		5/22		
90			6/20		6/17		5/31		
Last			6/27		6/23		6/1		
Second Generation									
First					7/31		7/19		
10					-		-		
50					-		7/29		
90					-		-		
Last					8/1		8/4		
Numbers Collected									
1st gen.			30		18		17		
2nd gen			-		2		6		

8738 Caenurgina crassiuscula (Haw., 1809)
clover looper
8739 Caenurgina erechtea (Cram., 1780)
forage looper

Year and Date Catch Attained									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/30	5/1	5/4	4/18	4/15	4/19	4/20	5/10	5/11
10	-	5/16	5/13	4/22	4/17	-	-	5/13	5/19
50	5/22	5/22	5/20	5/15	4/19	4/21	4/21	5/26	5/28
90	-	5/27	5/30	5/31	5/16	5/23	5/20	6/9	6/7
Last	6/5	6/1	6/6	6/18	6/9	5/24	5/31	6/11	6/16
Second Generation									
First	7/9	7/2	6/29	7/5	6/30	6/28	6/30	7/12	7/7
10	7/13	7/6	7/3	7/11	7/7	7/7	7/7	7/17	7/17
50	7/28	7/20	7/7	7/23	7/22	7/19	7/17	8/1	7/29
90	8/15	8/5	7/30	8/13	8/2	9/8	9/9	8/23	9/11
Last	8/27	10/11	9/12	9/4	9/18	10/5	9/23	10/5	10/5
Numbers Collected									
1st gen.	8	27	64	54	149	20	39	44	43
2nd gen	39	38	78	149	227	220	212	234	213

8743 Mocis latipes (Gn, 1852)

VF 9/18/78 1 m.

8770 Catocala innubens Gn., 1852

VF 1976 first m 8/10 last m 8/15-total 2. 8/14/78 1 m. PP 1975 first m 7/11 last m 8/11 -total 2. 8/11/77 1 m.

8771 Catocala piatrix Grt., 1864

VF 9/2/74 1 m. 9/26/76 1 m. PP 1975 first m 8/12 last m 8/30-total 6. 8/22/76 1 m. 1977 first m 8/10 last m 9/16-total 4.

8773 Catocala epione (Drury, 1773)

DD 7/23/78 1 m.

8775 Catocala antinympha (Hbn., 1823)

PP 7/31/75 1 m.

8778 Catocala habilis Grt., 1872

VF 1976 first m 8/23 last m 9/1-total 2. 1978 first m 9/2 last m 9/24-total 5. PP 1975 first m 8/18 last m 9/17-total 2. DD 1978 first m 9/5 last m 9/26-total .

8779 Catocala serena Edw., 1864

VF 8/17/74 1 m. 7/28/77 1 m. PP 1975 first m 8/22 last m 9/7-total 2. 8/10/77 1 m.

8781 Catocala judith Stkr., 1874

PP 7/16/77 1 m. DD 8/2/78 1 m.

8784 Catocala obscura Stkr., 1873

VF 8/18/75 1 m.

8785 Catocala residua Grt., 1874

VF 1975 first m 8/1 last m 8/25-total 4. 8/10/76 1 m. 8/14/78 1 m.

8788 Catocala resecta Grt., 1872

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/29	8/17	7/11	8/16	9/14	8/21	8/4	8/13	8/24
10	-	-	-	-	-	-	-	-	-
50	9/6	8/27	8/17	-	9/15	8/31	9/8	9/4	9/6
90	-	-	-	-	-	-	-	-	-
Last	9/11	9/23	10/6	9/6	9/26	9/19	9/25	9/24	10/5
Numbers collected									
	3	5	9	2	3	6	4	8	7

8795 Catocala palaeogama Gn., 1852

VF 8/12/75 1 m. 1976 first m 8/5 last m 9/16-total 3. 1978 first m 8/12 last m 9/3-total 3. PP 1975 first m 8/13 last m 8/29-total 4. 1976 first m 8/16 last m 9/15-total 2. DD 1978 first m 8/7 last m 9/6-total 3.

8797 Catocala subnata Grt., 1864

DD 1978 first m 7/17 last m 8/23-total 3.

8798 Catocala neogama (J. E. Smith, 1797)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/22	8/15	7/16	8/15	8/12		8/5		9/2
10	-	-	8/5	-	8/14		8/6		-
50	9/9	8/16	8/30	9/14	9/15		9/2		9/10
90	-	-	9/17	-	9/26		9/22		-
Last	9/12	9/12	9/26	9/26	10/13		9/23		10/3
Numbers collected									
	4	3	31	8	15		19		8

8801 Catocala ilia (Cram., 1776)

VF 8/8/76 1 m. 7/15/77 1 m. PP 1977 first m 7/29 last m 9/9-total 7. DD 1978 first m 7/21 last m 7/24-total 2.

8802 Catocala cerogama Gn., 1852

VF 8/22/74 1 m. 1975 first m 8/13 last m 8/24-total 7. PP 1975 first m 8/14 last m 8/30-total 3. 8/21/76 1 m. DD 1978 first m 9/2 last m 9/20-total 2.

8803 Catocala relictta Wik., 1858

PP 1975 first m 7/3 last m 8/8-total 2. 7/27/76 1 m. 1977 first m 8/11 last m 9/7-total 4.

8805 Catocala unijuga Wik., 1858

VF 9/16/78 1 m. PP 1975 first m 8/22 last m 9/17-total 5. 8/2/76 1 m. 1977 first m 7/24 last m 9/26-total 4.

8806 Catocala parta Gn., 1852

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/16	8/16	8/2		8/7	8/11	8/3		8/6
10	-	-	-		-	-	-		-
50	-	8/22	8/18		9/15	9/15	9/13		9/2
90	-	-	9/4		-	-	-		-
Last	-	9/19	9/8		10/6	9/17	9/23		10/5
Numbers collected									
	1	7	14		8	3	9		6

8817 Catocala briseis Edw., 1864

PP 9/15/76 1 m.

8822 Catocala meskei Grt., 1873

PP 1975 first m 7/18 last m 8/30-total 3. DD 1978 first m 9/2 last m 9/7-total 2.

8832 Catocala cara Gn., 1852

VF 1974 first m 8/16 last m 9/12-total 3. 1975 first m 8/2 last m 9/17-total 3. 8/19/76 1 m. 9/5/78 1 m. PP 1975 first m 8/8 last m 8/22-total 3. 9/14/76 1 m. 1977 first m 9/2 last m 9/8-total 3.

8833 Catocala concumbens Wik., 1858

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	DD
First	8/27		7/4	8/10	7/22	7/22	7/12	8/16
10	-		7/31	-	-	-	7/17	-
50	9/8		8/12	8/21	7/31	-	8/13	-
90	-		8/22	-	-	-	9/6	-
Last	9/11		8/25	9/26	8/21	-	9/8	-
Numbers collected								
	3		25	3	6	1	16	1

8834 Catocala amatrix Hbn., 1809-13)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First	7/10	7/5	8/17	9/19	9/14	8/30	8/3	9/17 8/19
10	-	-	8/19	-	-	-	-	-
50	9/20	8/14	9/5	-	9/19	9/18	9/6	9/19 9/19
90	-	-	9/20	-	-	-	9/21	-
Last	9/23	9/18	10/7	-	9/30	9/23	9/23	10/11 10/11
Numbers collected								
	3	3	15	1	4	5	11	3 9

8847 Catocala gracilis Edw., 1864

PP 1975 first m 7/4 last m 8/14-total 7.

8851 Catocala coccinata Grt., 1872

VF 8/28/74 1 m. 7/31/75 1 m. PP 1975 first m 7/8 last m 7/29-total 4. 1976 first m 7/1 last m 7/24-total 4. 1977 first m 7/6 last m 8/3-total 2.

8857 Catocala ultronla (Hbn., 1823)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First	7/22	8/16	7/4	8/13	7/22	8/4	7/29	7/28 7/26
10	-	7/12	7/25	-	-	-	-	-
50	8/1	9/1	8/3	8/21	7/1	8/6	8/3	- 8/2
90	-	9/11	9/16	-	-	-	-	- 8/27
Last	9/16	9/16	9/30	9/14	8/31	8/14	8/6	- 8/29
Numbers collected								
	6	19	56	3	6	5	6	1 14

8858 Catocala crataegi Saund., 1876

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First	7/18	7/14	7/14	7/4	7/31	7/5	7/5	7/13 7/8
10	-	-	-	-	-	-	-	-
50	7/27	7/15	7/17	7/11	8/7	7/12	7/18	7/16 -
90	8/21	-	-	7/31	-	-	-	-
Last	8/24	8/4	7/30	8/1	8/31	7/17	7/30	8/5 8/1
Numbers collected								
	18	6	3	11	3	6	5	8 4

8863 Catocala mira Grt., 1876

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/28	7/16	7/14	7/21		7/15	7/18	7/21	7/22
10	-	7/17	-	-		-	-	-	-
50	-	7/24	7/28	8/8		7/16	7/20	7/25	8/2
90	-	8/12	-	-		-	-	8/10	8/10
Last	8/2	8/18	8/3	8/15		7/21	8/3	8/13	8/19
Numbers collected									
	3	15	3	8		8	5	12	15

8864 Catocala grynea (Cram., 1780)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/23	7/10	6/25	7/21	7/6	7/7	7/5	7/17	7/8
10	7/26	7/16	7/8	7/24	7/17	7/19	-	7/19	7/20
50	8/13	7/31	8/2	8/4	7/31	7/29	7/24	8/5	7/25
90	9/11	8/17	8/17	8/24	8/31	-	8/13	8/15	8/16
Last	9/12	9/15	8/30	8/28	9/9	8/16	8/14	8/19	8/23
Numbers collected									
	34	63	52	26	34	22	34	21	34

8865 Catocala praeclara G. R., 1866

PP 1975 first m 7/14 last m 8/17-total 5, 7/31/76 1 m.

8867 Catocala blandula Hulst, 1884

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/18	7/23	7/7	7/6				7/17	7/21
10	-	-	-	-				7/26	7/27
50	-	7/29	7/17	-				8/6	8/5
90	-	-	-	-				8/8	8/8
Last	-	8/17	8/3	7/11				8/11	8/15
Numbers collected									
	1	3	3	2				15	21

8873 Catocala similis Edw., 1864

PP 1976 first m 7/30 last m 8/31-total 4.

8876 Catocala micronympha Gn., 1852

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/1	8/1	7/14		7/22		7/22		
10	-	-	-		-		-		
50	-	-	8/2		7/27		-		
90	-	-	8/11		8/29		-		
Last	8/20	8/4	8/15		8/31		8/5		
Numbers collected									
	2	3	13		15		2		

8878 Catocala amica Hbn., 1818

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/24	7/23	7/4		7/17		7/18		7/26
10	-	-	7/14		7/21		-		-
50	-	8/1	7/28		7/31		7/31		8/8
90	-	-	8/18		9/9		8/21		-
Last	-	8/28	9/2		9/14		9/2		8/27
Numbers collected									
	1	7	66		23		14		4

8881 Abrostola urentis Gn., 1852

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/6	6/3	5/27	6/16	5/15	5/18	5/22	6/10	5/28
10	-	-	5/28	-	-	-	-	-	-
50	6/11	6/25	6/13	6/24	6/17	6/13	6/11	7/5	6/16
90	-	-	-	-	7/4	-	-	-	-
Last	7/20	7/15	6/28	7/5	7/19	7/6	7/16	7/21	7/21
Second Generation									
First		7/26	7/28	7/22	8/10	8/11	8/8	8/6	8/6
10		-	-	-	-	-	-	-	-
50		8/4	8/8	8/6	8/21	-	8/11	-	8/23
90		-	8/25	8/26	-	-	-	-	-
Last		8/26	9/12	8/30	9/4	8/16	9/1	8/7	8/28
Numbers Collected									
1st gen.	8	4	15	8	13	7	7	8	6
2nd gen	-	8	12	11	5	3	4	2	3

8887 Trichoplusia ni (Hbn., 1800-03)
cabbage looper

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/5	7/22	8/14	8/18	7/3	7/24	8/29	8/12	
10	8/9	8/15	8/22	-	-	8/26	-	8/16	
50	9/29	8/25	9/6	9/8	-	9/2	9/16	9/11	
90	11/1	9/30	10/6	-	-	9/29	11/4	10/6	
Last	11/4	11/11	10/12	9/19	-	11/3	11/5	11/5	
Numbers collected									
	75	542	25	9	1	73	10	54	

8889 Agrapha oxygramma (Gey., 1832)

VF 9/2/75 1 m. 1977 first m 8/30 last m 9/16-total 2.

8890 Pseudoplusia includens (Wlk., 1858)
soybean looper

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First						8/30	8/31	9/18	9/6
10						9/1	-	-	9/11
50						9/18	9/19	-	9/18
90						9/21	10/1	9/19	9/19
Last						9/30	10/3	9/20	9/27
Numbers collected									
						43	22	58	67

8896 Diachrysia aeroides (Grt., 1864)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/3	6/25	6/25	6/22	6/22	6/19	6/24	6/29	6/28
10	-	-	-	-	-	-	-	7/3	-
50	7/7	7/3	7/14	7/1	7/17	7/7	7/11	7/12	7/20
90	-	7/18	7/16	-	7/21	7/14	7/18	7/21	-
Last	7/22	8/19	7/18	7/20	7/23	7/17	7/19	7/27	8/2
Numbers collected									
	6	11	33	21	10	14	12	24	7

8897 Diachrysia balluca Gey., 1832

VF 1974 first m 7/13 last m 8/13-total 3. 1975 first m 7/10 last m 7/30-total 2. 1976 first m 6/28 last m 8/8-total 3. 7/6/78 1m. PP 1975 first m 7/18 last m 8/2-total 2. 1976 first m 7/8 last m 7/28-total 3. 1977 first m 7/5 last m 7/14-total 2.

8898 Allagrapha aerea (Hbn., 1802-03)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/11	6/13	6/1	6/10		5/27	5/24	6/7	6/7
10	6/15	6/15	6/12	6/17	6/19	6/1	5/31	6/11	6/21
50	7/4	6/25	6/26	6/25	6/24	6/17	6/17	7/2	7/5
90	-	7/7	7/4	7/5	7/2	6/26	6/26	-	7/9
Last	7/27	7/15	7/9	7/11	7/8	7/12	7/7	7/13	7/15
Second Generation									
First	8/9	7/30	8/2	8/4	8/23	8/5	7/29	8/7	8/6
10	-	8/2	8/3	8/21	-	8/6	-	8/12	8/9
50	9/7	8/7	8/12	9/4	8/28	8/30	8/8	8/24	8/27
90	9/28	8/17	8/16	9/16	-	-	-	9/20	9/14
Last	9/29	8/19	8/17	9/20	9/14	9/16	9/20	11/6	9/30
Numbers Collected									
1st gen.	34	51	78	113	37	29	17	44	89
2nd gen	14	67	28	43	9	24	8	32	19

8899 Pseudeva purpurigera (Wik., 1858)

VF 1974 first m 6/30 last m 8/2-total 4. 6/27/75 1 m. 1976 first m 7/4 last m 7/27-total 3. 1977 first m 6/28 last m 7/9-total 4. PP 1975 first m 6/25 last m 7/16-total 11. 1976 first m 6/26 last m 7/22-total 6. 1977 first m 6/18 last m 7/17-total 4. DD 1978 first m 7/1 last m 7/7-total 3.

8904 Chrysanympa formosa (Grt., 1865)

PP 1975 first m 6/16 last m 6/29-total 15. 6/26/76 1 m. 1977 first m 6/17 last m 7/7-total 3.

8905 Eosporopteryx thyatyroides (Gn., 1852)

VF 1974 first m 7/14 last m 7/28-total 2. 8/27/76 1 m. 7/24/78 1 m.

8907 Autographa biloba (Steph., 1830)

VF 1974 first m 5/12 last m 11/3-total 8. 1975 first m 7/16 last m 8/28-total 5. 1976 first m 6/19 last m 7/20-total 9. 1977 first m 9/12 last m 11/8-total 2. PP 1975 first m 6/28 last m 10/25-total 2. 1977 first m 5/21 last m 9/9-total 2.

8908 Autographa precatonis (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/21	5/31	5/23	5/5	5/18	5/21	5/23	5/25	5/27
10	5/23	-	5/27	5/29	5/30	-	-	5/26	6/4
50	6/5	6/5	6/5	6/13	6/18	5/31	6/1	6/6	6/19
90	6/18	6/23	-	6/27	6/27	6/13	-	6/21	6/26
Last	6/27	6/28	6/30	7/2	7/2	6/23	6/16	6/27	6/30
Second Generation									
First	7/8	7/9	7/3	7/7	7/7	7/30	-	7/2	7/2
10	-	7/18	7/6	7/12	7/12	-	-	7/20	7/7
50	8/1	8/7	8/3	7/23	7/23	8/10	-	8/1	7/21
90	9/1	8/30	9/3	8/10	7/31	-	-	8/23	8/27
Last	9/5	9/5	9/6	8/29	8/22	8/29	-	8/31	8/29
Third Generation									
First	9/11	9/11	9/12	9/1	9/8	9/6	9/5	9/2	9/1
10	-	9/19	9/17	9/7	9/9	9/12	-	9/17	9/10
50	9/25	9/28	9/27	9/18	9/26	9/23	10/5	9/27	9/30
90	-	10/24	10/25	10/4	-	11/6	11/3	10/21	-
Last	11/1	11/1	11/4	10/12	10/13	11/7	11/6	11/4	10/25
Numbers Collected									
1st gen.	22	17	40	89	30	10	8	23	113
2ndgen.	13	120	51	167	27	9	-	96	77
3rd gen.	9	275	40	74	16	27	12	64	101

8912 Autographa mappa (G. & R., 1868)

VF 6/28/75 1 m.

8923 Autographa ampla (Wik., 1858)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	7/17	7/2	6/13	6/19	6/16	6/24	6/5	6/16
10	-	-	-	-	-	-	-	-
50	-	-	6/16	6/26	6/23	-	6/27	6/23
90	-	-	-	-	-	-	-	-
Last	-	7/6	7/8	6/30	6/30	6/28	7/1	7/13
Numbers collected								
	1	2	5	9	9	2	6	4

8924 Anagrapha falclifera (Kby., 1837)
celery looper

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/16	5/21	5/27	4/22	5/15	5/20	5/21	5/26	5/27
10	5/23	5/24	-	5/18	5/18	5/21	-	5/29	5/31
50	6/9	5/31	5/30	6/9	6/15	6/24	6/16	6/7	6/6
90	6/20	6/23	6/14	6/26	6/24	7/7	-	6/27	6/16
Last	6/21	6/24	6/19	7/2	6/25	7/8	6/26	7/5	6/17
Second Generation									
First	6/30	6/27	6/28	7/7	7/18	7/13	7/13	7/13	7/13
10	-	7/4	-	7/12	-	7/19	-	7/16	-
50	7/7	7/24	6/30	7/24	-	7/26	7/22	7/24	7/27
90	-	8/5	-	8/6	-	8/9	-	8/11	8/11
Last	7/29	8/7	7/19	8/13	8/1	8/13	7/27	8/18	8/14
Third Generation									
First	8/2	8/9	8/22	8/18	10/7	8/27	10/7	8/24	8/22
10	8/3	8/11	-	8/22	-	-	-	8/29	-
50	8/27	8/29	-	9/3	-	9/3	-	9/18	9/19
90	11/9	9/27	-	9/26	-	9/21	-	-	-
Last	11/11	10/25	-	10/3	10/13	10/6	10/13	10/22	10/25
Numbers Collected									
1st gen.	22	40	26	122	20	19	8	53	29
2nd gen.	8	192	7	151	5	37	14	142	27
3rd gen.	31	238	1	66	2	13	2	21	9

8939 Syngrapha alias (Ottol., 1902)

VF 7/24/74 1 m. PP 1975 first m 6/5 last m 6/29-total 3. 1976 first m 6/16 last m 6/26-total 5. 1977 first m 5/28 last m 5/30-total 2.

8952 Plusia contexta Grt., 1873

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/6	5/30	5/31	6/5	5/31	5/20	5/18	6/11	6/6
10	6/7	-	6/1	6/13	6/7	5/21	-	6/12	-
50	6/20	6/14	6/6	6/21	6/20	6/13	5/24	6/23	6/17
90	-	6/30	6/25	-	-	6/24	6/16	7/5	-
Last	7/8	7/3	7/4	7/8	6/29	6/30	6/19	7/7	7/7
Second Generation									
First	7/23	7/23	7/30	7/27	7/29	7/18	7/18	8/7	7/25
10	-	7/25	-	-	-	-	-	-	-
50	8/12	8/6	8/3	8/13	8/14	7/30	8/11	8/8	8/7
90	-	9/26	-	-	-	-	-	-	-
Last	8/14	10/17	9/26	9/9	9/14	8/27	9/18	9/19	8/23
Numbers Collected									
1st gen.	17	10	16	29	16	47	12	16	4
2nd gen.	3	30	5	14	9	9	5	5	8

8955 Marathyssa inficita (Wlk., 1865)

VF 8/13/74 1 m. 7/25/75 1 m. 7/27/78 1 m. PP 1975 first m 6/15 last m 7/25-total 5. 1976 first m 6/16 last m 7/17-total 8. 5/21/77 1 m. DD 1975 first m 5/19 last m 8/3-total 10.

8956 Marathyssa basalis Wlk., 1865

VF 5/21/75 1 m. 5/6/76 1 m. PP 5/6/76 1 m.

8957 Paectes oculatrix (Gn., 1852)

VF 6/10/74 1 m. 1978 first m 6/10 last m 8/8-total 2. PP 8/6/75 1 m.

8968 Eutelia pulcherrima (Git., 1865)

VF 6/10/74 1 m. 5/31/75 1 m. 1976 first m 6/18 last m 7/26-total 55. 1977 first m 5/21 last m 5/23-total 2. PP 1976 first m 6/1 last m 6/10-total 2.

8969 Baileya doubledayi (Gn., 1852)

VF 5/29/75 1 m. PP 1975 first m 5/13 last m 8/14-total 10. 1976 first m 5/30 last m 8/10-total 9. 1977 first m 5/5 last m 7/23-total 10.

8970 Baileya ophthalmica (Gn., 1852)

VF 1974 first m 6/16 last m 7/1-total 2. 6/13/75 1 m. 6/3/76 1 m. 8/11/77 1 m. PP 1975 first m 5/27 last m 6/27-total 11. 1976 first m 6/17 last m 6/23-total 2. 1977 first m 5/21 last m 6/17-total 3.

8971 Baileya dormitans (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/5	7/18	5/26	6/16	6/1	5/23	5/23	6/15	5/29
10	-	-	-	-	-	-	-	-	5/30
50	7/4	-	6/6	6/23	-	5/27	6/16	6/26	6/1
90	-	-	-	-	-	-	7/7	-	6/18
Last	7/5	-	7/1	7/18	-	6/30	8/16	7/4	6/25
Numbers collected									
	3	1	8	3	1	5	12	3	26

8972 Baileya levitans (Sm., 1906)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First						5/27			5/15
10						-			5/24
50						-			6/30
90						-			7/22
Last						-			8/1
Numbers collected									
						1			52

8973 *Baileya australis* (Grt., 1881)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/5	7/7	5/22		5/16		5/12	5/29 5/25
10	-	-	-		-		5/17	- 5/28
50	-	-	6/4		6/12		5/23	- 6/4
90	-	-	-		-		6/6	- 6/18
Last	7/18	7/17	7/19		7/16		6/19	- 7/9
Second Generation								
First	7/27	7/23	8/15	7/22	7/21	8/11	8/8	7/14 7/20
10	-	-	-	-	-	-	-	- -
50	-	-	8/23	-	7/22	-	8/27	7/20 7/31
90	-	-	8/27	-	-	-	8/31	- -
Last	8/2	8/27	9/4	-	8/31	8/29	9/1	8/1 8/19
Numbers Collected								
1st gen.	2	5	8	-	3	-	28	1 24
2nd gen	2	2	11	1	4	2	11	5 6

8975 *Nycteola frigidana* (Wlk., 1863)

PP 10/29/75 1 m.

8992 *Nola triquetrana* (Fitch, 1856)

PP 1975 first m 5/18 last m 5/11 -total 2. 1977 first m 4/4 last m 5/11 -total 5.

9046 *Lithacodia bellicula* Hbn., 1818

PP 5/20/76 1 m.

9047 *Lithacodia muscosula* (Gn., 1852)

VF 7/9/74 1 m. 6/17/75 1 m. 6/25/76 1 m. 6/20/77 1 m. PP 7/12/76 1 m. 1977 first m 6/18 last m 7/9-total 4.

9048 *Lithacodia albidula* (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/25	6/24	6/2	6/18	6/14	5/27	5/20	6/20
10	-	-	6/5	-	6/21	-	5/27	-
50	7/8	-	6/19	7/4	7/10	-	6/24	-
90	-	-	7/24	-	8/22	-	7/25	-
Last	7/18	-	8/8	7/11	9/7	7/16	7/30	7/20
Numbers collected								
	5	2	61	6	27	2	33	2

9049 *Lithacodia synochitis* (G. & R., 1868)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/9	5/30	5/15	6/11	6/3		5/21	6/18 5/31
10	-	-	-	-	-		5/25	- 6/6
50	6/21	-	5/29	-	6/30		6/11	- 6/8
90	-	-	-	-	-		6/29	- 7/4
Last	7/18	6/14	6/21	6/24	10/6		7/7	- 7/13
<u>Numbers collected</u>								
	6	2	5	2	9		15	1 47

9051 *Lithacodia musta* (G. & R., 1868)

VF 1974 first m 6/10 last m 7/10-total 8. 1975 first m 6/18 last m 7/17-total 3. 7/10/76 1 m. PP 1975 first m 6/15 last m 7/3-total 4. 7/18/76 1 m.

9053 *Lithacodia carneola* (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	5/29	5/22	5/30	6/14	6/2	5/21		5/28 5/28
10	6/6	-	-	-	-	-		- -
50	6/14	5/25	6/1	-	6/11	-		- -
90	7/4	-	-	-	-	-		- -
Last	7/8	6/1	7/14	7/2	6/23	6/14		6/7 6/19
<u>Second Generation</u>								
First	7/16	8/1	8/2		8/4			7/20
10	7/18	-	-		-			-
50	8/4	-	-		-			-
90	-	-	-		-			-
Last	9/12	8/4	8/6		8/13			-
<u>Numbers Collected</u>								
1st gen.	44	7	6	2	5	2		2 2
2nd gen.	23	2	2	-	2	-		- 1

9057 *Homophoberia apicosa* (Haw., 1809)

VF 8/18/74 1 m. 7/12/77 1 m. PP 1977 first m 7/11 last m 7/15-total 2.

9059 *Capis curvata* Grt., 1882

PP 5/17/77 1 m.

9062 Cerma cerintha (Tr., 1826)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/30	7/8	6/16	6/10	6/19	6/30	6/14	6/27	6/4
10	-	-	-	-	-	-	-	-	6/8
50	-	-	6/28	-	7/8	-	6/30	6/29	6/29
90	-	-	7/8	-	7/11	-	-	-	7/14
Last	7/9	-	7/14	7/16	7/17	7/13	7/9	7/16	8/5
Numbers collected									
	2	1	11	2	12	2	9	3	30

9065 Leuconycta diptheroides (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/6	6/3	5/27	6/10	6/8	6/1	5/17	6/2	5/25
10	-	-	6/1	6/18	6/16	-	5/22	-	5/28
50	7/6	6/24	6/28	7/4	6/27	7/1	6/30	7/7	6/12
90	-	-	7/11	7/22	7/12	-	7/12	-	7/9
Last	7/16	7/15	7/28	8/9	7/22	7/14	8/6	7/31	7/31
Numbers collected									
	9	5	35	16	68	6	43	9	60

9070 Amyna octo (Gn., 1852)

VF 1975 first m 9/3 last m 9/22-total 2.

9090 Tarachidia candefacta (Hbn., 1831)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/6	5/26	5/22	6/3	6/3	5/17	-	5/31	5/20
10	-	-	-	-	-	-	-	-	-
50	6/14	-	-	6/20	-	5/24	-	6/13	6/28
90	7/5	-	-	-	-	6/2	-	-	-
Last	7/14	-	6/14	6/30	-	6/3	-	6/28	7/6
Second Generation									
First	7/26	8/1	9/10	-	-	-	-	7/14	8/27
10	-	-	-	-	-	-	-	-	-
50	8/14	-	-	-	-	-	-	-	-
90	8/30	-	-	-	-	-	-	-	-
Last	9/2	8/26	-	-	-	-	-	-	-
Numbers Collected									
1st gen.	20	1	2	5	1	11	-	7	3
2nd gen	13	2	1	-	-	-	-	1	1

9095 Tarachidia erastriloides (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/6	5/3	6/15		6/23	6/3	5/21		5/24
10	-	-	-		-	-	-		5/31
50	6/13	-	-		-	-	-		6/13
90	7/28	-	-		-	-	-		7/12
Last	7/30	6/3	-		-		5/27		7/13
Numbers collected									
	16	2	1		1	1	3		20

9182 Panthea furcilla (Pack., 1864)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/25		6/1		5/17		
10			-		-		-		
50			6/1		-		5/27		
90			6/20		-		-		
Last			6/26		6/23		6/17		
Second Generation									
First			8/3		7/23	8/15	7/8		
10			8/5		7/30	-	-		
50			8/11		8/23	-	8/6		
90			8/27		8/31	-	-		
Last			9/1		9/2	-	8/21		
Numbers Collected									
1st gen.			15		2	1	13		
2nd gen			17		35	-	13		

9184 Colocasia flavicornis (Sm., 1884)

PP 1975 first m 6/17 last m 6/20-total 2.

9185 Colocasia propinquilinea (Grt., 1873)

VF 1976firstm6/3lastm6/13-total3. 1977 first m 6/2last m 6/16-total 2. 6/16/78 1 m. PP 1977 first m 6/11 last m 6/20-total 5. DD 1978 first m 5/25 last m 6/1-total 4.

9189 Charadra deridens (Gn., 1852)

VF 6/15/74 1 m. 6/29/75 1 m. 7/4/76 1 m. 7/14/77 1 m. PP 1975 first m 6/3 last m 8/16-total 18. 1976 first m 6/1 last m 8/25-total 4. 1977 first m 5/31 last m 7/12-total 5. DD 6/12/78 1 m.

9193 *Raphia frater* Grt., 1864

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/11	6/13	5/21	6/10	5/18	6/14	5/12	6/1	6/7
10	-	-	5/25	-	6/1	-	5/21	-	-
50	-	6/21	6/13	6/26	6/20	6/29	5/27	-	6/19
90	-	-	6/27	-	6/24	-	6/18	-	-
Last	-	7/6	7/9	6/30	6/30	7/3	6/20	6/18	6/26
<u>Second Generation</u>									
First	7/4		8/5	7/7	7/7		7/1	7/16	
10	-		-	-	-		7/3	-	
50	7/8		8/6	-	7/8		7/6	-	
90	7/18		-	-	7/22		7/19	-	
Last	7/23		8/12	7/14	7/28		7/29	-	
<u>Numbers Collected</u>									
1st gen.	1	6	81	5	35	7	69	2	3
2nd gen	12	-	7	2	19	-	41	1	-

9200 *Acronicta americana* (Harr., 1841)

American dagger moth

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/29	7/1	5/27	6/19	6/9	6/4	5/6		6/7
10	-	-	-	-	6/15	-	5/23		-
50	6/30	7/8	6/1	-	7/13	7/3	7/7		7/6
90	-	-	6/24	-	-	7/15	7/17		-
Last	7/22	7/18	7/7	7/22	8/1	7/18	9/4		7/25
<u>Numbers collected</u>									
	9	7	13	2	20	13	51		7

9203 *Acronicta dactylina* Grt., 1874

Year and Date Catch Attained

% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/16		5/26		6/12	5/24	5/16	5/29	5/28
10	-		5/27		-	-	5/17	-	-
50	6/18		6/7		6/16	6/17	6/1	6/12	6/11
90	-		6/14		-	-	6/18	-	-
Last	6/20		6/15		6/23	6/18	6/20	6/27	6/17
<u>Second Generation</u>									
First	7/10	6/29		7/15	7/11	7/7	6/30		6/26
10	-	-		-	-	-	7/4		-
50	7/20	7/11		7/19	7/22	7/8	7/11		7/2
90	-	-		-	-	-	7/18		-
Last	8/17	7/29		7/28	7/28	7/14	7/21		7/27
<u>Numbers Collected</u>									
1st gen.	3	-	43	-	5	3	28	4	5
2nd gen	6	3	-	3	16	4	29	-	5

9205 *Acronicta lepusculina* Gn., 1852

cottonwood dagger moth

VF 6/10/75 1 m. PP 1975 first m 5/26 last m 8/12-total 9. 1976 first m 6/16 last m 8/22-total 4. 5/17/77 1 m.

9207 *Acronicta innotata* Gn., 1852

VF 1975 first m 6/23 last m 7/1 -total 3. 1977 first m 5/23 last m 6/3-total 4. PP 1975 first m 6/23 last m 7/11-total 4. 6/25/76 1 m. 6/14/77 1 m. DD 6/10/78 1 m.

9219 *Acronicta connecta* Grt., 1873

VF 6/8/78 1 m. PP 1975 first m 6/30 last m 8/24-total 2. 6/23/76 1 m. 1977 first m 5/23 last m 9/11-total 6.

9226 *Acronicta superans* Gn., 1852

PP 1975 first m 6/31 last m 8/24-total 2. 6/23/76 1 m.

9227 *Acronicta laetifica* 3m., 1897

DD 1978 first m 6/1 last m 7/22-total 2.

9229 *Acronicta hasta* Gn., 1852

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/23	6/8	5/16	5/16	5/16	5/17	4/22	5/23	5/12
10	-	-	-	-	5/18	-	-	-	5/25
50	-	-	5/26	6/10	5/31	5/27	5/20	-	5/31
90	-	-	6/12	-	-	6/24	6/21	-	6/26
Last	-	-	6/29	6/22	6/23	6/29	6/24	-	6/28
Second Generation									
First	7/9	7/2	7/28	8/8	7/7		7/3	7/6	7/5
10	-	-	8/1	-	-		-	-	-
50	7/10	-	8/3	-	7/10		7/7	7/10	7/27
90	-	-	8/26	-	-		8/5	-	-
Last	7/13	8/1	8/30	8/21	7/31		8/23	8/7	8/8
Numbers Collected									
1st gen.	1	1	13	3	21	10	14	1	15
2nd gen	3	2	17	3	9	-	14	4	9

9235 *Acronicta spinigera* Gn., 1852

VF 1974 first m 7/3 last m 7/18-total 4. 6/25/75 1 m. 6/9/76 1 m. 1977 first m 5/17 last m 7/6-total 2. 1978 first m 6/20 last m 7/10-total 2. PP 1977 first m 5/19 last m 5/31-total 3. DD 1978 first m 5/25 last m 6/29-total 2.

9236 *Acronicta morula* (G. & R., 1868)

VF 1974 first m 6/10 last m 7/15-total 3. 6/2/75 1 m. 1977 first m 5/23 last m 7/7-total 2. 6/25/78 2 m. PP 1975 first m 5/27 last m 7/15-total 9. 1976 first m 6/14 last m 7/29-total 2. 1977 first m 5/19 last m 7/11 -total 2. DD 1978 first m 6/2 last m 7/9-total 3.

9237 *Acronicta interrupta* Gn., 1852

VF 1974 first m 7/7 last m 8/20-total 2. 8/27/76 1 m. DD 1978 first m 7/12 last m 8/6-total 3.

9238 *Acronicta lobeliae* Gn., 1852

VF 6/9/74 1 m. PP 8/1/76 1 m. 5/17/77 1 m. DD 1978 first m 5/31 last m 6/12-total 2.

9240 *Acronicta pruni* Harr., 1869

DD 6/12/78 2 m.

9243 *Acronicta ovata* Grt., 1873

PP 1975 first m 6/28 last m 7/25-total 7. 1976 first m 6/16 last m 6/22-total 7. 1977 first m 6/3 last m 7/19-total 6. DD 7/24/78 1 m.

9245 *Acronicta haesitata* (Grt., 1882)

<u>Year and Date Catch Attained</u>									
% Catch	1974		1975		1976		1977		1978
	VF		VF	PP	VF	PP	VF	PP	VF DD
First			5/25		6/17		5/18		5/30
10			-		-		5/22		5/31
50			6/9		6/30		7/7		6/18
90			7/7		-		7/13		7/29
Last			7/9		7/31		7/17		9/21
Numbers collected									
			13		9		31		18

9248 *Acronicta hamamelis* Gn., 1852

VF 6/26/76 1 m.

9249 *Acronicta increta* Morr., 1974

VF 6/18/74 1m. 6/16/75 1m. 6/2/77 1 m. PP 1975 first m 6/16 last m 6/30-total 2. 1976 first m 6/19 last m 7/8-total 6. 1977 first m 5/21 last m 7/12-total 11. DD 1978 first m 6/12 last m 7/23-total 5.

9250 *Acronicta inclara* Sm., 1900

VF 1974firstm7/15lastm7/18-total2. 6/6/75 1 m. PP 6/12/75 1 m. 6/23/76 1 m.

9251 *Acronicta retardata* (Wlk., 1861)

VF 1974 first m 7/5 last m 7/18-total 5. 8/17/75 1 m. 6/9/76 1 m. 8/7/78 1 m. PP 1977 first m 6/25 last m 6/29-total 2.

9252 *Acronicta caesarea* Sm., 1905

DD 6/17/78 1 m.

9254 Acronicta afflicta Grt., 1864

VF 6/23/76 1 m. PP 6/18/75 1 m. 1976 first m 6/17 last m 7/11 -totalU. 1977 first m 5/23 last m 7/7-total 4.

9257 Acronicta impleta Wlk., 1856

PP 1977 first m 5/23 last m 5/31-total 2.

9258 Acronicta sperata Grt., 1873

PP 6/16/75 1 m. 5/17/76 1 m. 5/25/77 1 m.

9259 Acronicta novtivaga Grt., 1864

VF 1977 first m 5/22 last m 8/29-total 2. 5/30/78 1 m. PP 1976 first m 5/31 last m 6/17-total 5. 1977 first m 5/17 last m 5/20-total 2. DD 1978 first m 6/6 last m 6/12-total 2.

9261 Acronicta impressa Wlk., 1856									
Year and Date Catch Attained									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/4		5/12		4/21		5/26
10			-		-		-		-
50			-		-		4/22		-
90			-		-		-		-
Last			5/15		-		5/23		5/27
Second Generation									
First		7/8	7/18	7/18	7/12		7/3		7/22
10		-	-	-	-		-		-
50		-	-	-	7/27		7/13		7/25
90		-	-	-	-		7/19		8/9
Last		-	8/17	-	7/29		7/24		8/13
Numbers Collected									
1st gen.		-	2	-	1		9		2
2nd gen		1	2	1	5		14		14

**9272 Acronicta oblinita (J. E. Smith, 1797)
smeared dagger moth**

PP 1975 first m 5/30 last m 8/12-total 5. 1976 first m 6/10 last m 8/28-total 3. 1977 first m 5/20 last m 5/27-total5. DD 6/12/78 1 m.

9280 *Simyra henrici* (Grt., 1873)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		5/19	5/4	5/11	5/18	5/16	4/12	5/23	5/24
10		-	-	-	-	-	-	-	-
50		-	5/26	5/31	-	5/19	-	-	-
90		-	-	-	-	-	-	-	-
Last		-	5/28	6/9	-	5/25	5/23	5/29	5/25
Second Generation									
First	7/11	8/1	7/15	7/23	7/24	7/14	7/15	7/13	7/15
10	7/13	-	-	-	-	-	-	-	-
50	7/29	-	8/2	8/1	7/28	7/24	7/21	8/1	7/24
90	-	8/5	8/13	-	-	8/13	-	8/13	8/7
Last	9/7	8/9	8/28	8/12	7/30	8/15	7/30	8/14	8/13
Numbers Collected									
1st gen.	-	1	8	3	1	3	2	2	2
2nd gen	18	12	11	9	4	10	7	11	11

9284 *Agriopodes teratophora* (H.-S., 1854)

VF 8/1/75 1 m. 7/7/76 1 m. PP 6/16/75 1 m. 1977 first m 6/4 last m 6/12-total 2.

9285 *Polygrammate hebraeicum* Hbn., 1818

VF 7/11/78 1 m. PP 1976 first m 6/19 last m 8/29-total 8. 1977 first m 7/1 last m 9/1-total 2.

9286 *Harrisimemna trisignata* (Wlk., 1856)

VF 7/16/75 1 m. PP 7/15/75 1 m. 7/5/77 1 m. DD 7/13/78 1 m.

9299 *Eudryas unio* (Hbn., 1827-31)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/20	6/18	5/25	6/10	6/1	5/17	5/17	7/7	5/28
10	6/30	-	5/31	-	6/11	-	-	-	-
50	7/11	7/1	7/18	6/24	6/24	5/21	5/23	7/15	6/26
90	-	7/28	7/29	8/10	8/1	-	7/31	-	8/1
Last	8/22	8/1	8/5	8/26	8/16	7/24	8/29	8/22	8/2
Numbers collected									
	23	10	39	10	16	6	17	5	12

9301 Eudryas grata (F., 1793)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/20	7/17	7/3		7/11	6/25	6/11	6/25	6/29
10	-	-	-		-	-	-	7/6	7/5
50	7/24	-	7/14		7/16	7/4	7/17	7/18	7/20
90	-	-	7/17		-	-	7/20	-	7/29
Last	8/2	8/1	7/19		7/28	7/19	7/29	7/22	7/30
Numbers collected									
	4	2	14		3	4	10	15	33

9309 Psychomorpha epimenis (Drury, 1782)

VF 4/19/76 1 m. PP 1977 first m 4/20 last m 4/21-total 4. DD 5/24/78 1 m.

**9314 Alypia octomaculata (F., 1775)
eightspotted forester**

PP 1977 first m 6/30 last m 7/15-total 2.

9326 Apamea verbascoides (Gn., 1852)

VF 7/15/74 1 m. 6/23/76 1 m. 1977 first m 7/7 last m 7/8-total 2. 7/17/78 1 m. PP 6/15/76 1 m. 1977 first m 6/12 last m 7/11-total 5. DD 1978 first m 7/10 last m 8/2-total 2.

9328 Apamea nigrrior (Sm., 1891)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/15	6/6	5/25	6/23	6/16	6/12	6/15	6/12	6/2
10	6/16	-	-	-	-	-	-	-	-
50	6/22	6/15	7/3	-	-	6/16	-	6/25	6/16
90	7/1	-	-	-	-	6/31	-	-	7/3
Last	7/2	6/30	8/14	7/8	6/23	7/5	6/30	7/1	7/8
Numbers collected									
	21	8	3	2	2	12	4	7	12

9329 Apamea cariosa (Gn., 1852)

VF 6/19/75 1 m. 1976 first m 6/20 last m 6/24-total 2. PP 1975 first m 6/28 last m 8/6-total 2. 1977 first m 6/14 last m 7/7-total 3.

9331 Apamea cristata (Grt., 1878)

VF 1974 first m 6/21 last m 7/15-total 2.

9332 *Apamea vulgaris* (G. & R., 1866)

VF 6/26/74 1 m. 6/17/75 1 m. 1976 first m 6/10 last m 6/23-total 3. 1978 first m 6/10 last m 7/10-total 2.
 PP 1975 first m 6/2 last m 8/6-total 4. 6/28/76 1 m. 6/24/77 1 m. DD 1978 first m 6/5 last m 6/9-total 2.

9333 *Apamea lignicolora* (Gn., 1852)

VF 1974 first m 7/17 last m 7/27-total 2. 7/19/75 1 m. PP 1975 first m 6/20 last m 7/14-total 5. 8/26/76 1 m. 1977 first m 7/1 last m 7/11 -total 6. DD 1978 first m 7/11 last m 7/31 -total 7.

9341 *Apamea vultuosa* (Grt., 1875)

% Catch	Year and Date Catch Attained							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/12	6/3	6/1	6/11	6/7	5/20	6/4	6/12 6/16
10	-	-	6/2	-	-	-	-	-
50	6/18	6/7	6/12	6/16	6/23	6/12	6/16	-
90	-	-	6/20	-	-	-	-	-
Last	6/29	6/18	7/10	6/21	6/27	6/30	6/27	-
Numbers collected								
	4	6	21	3	3	5	8	1 1

9344 *Apamea plutonia* (Grt., 1883)

PP 6/23/76 1 m.

**9348 *Apamea amputatrix* (Fitch, 1857)
yellowheaded cutworm**

% Catch	Year and Date Catch Attained							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/18	6/18	6/11	6/19	7/8	6/23	6/7	6/25 7/5
10	7/2	7/1	6/26	6/29	-	-	6/14	6/27 7/8
50	7/25	7/12	7/14	7/16	7/22	6/27	7/7	7/10 7/23
90	7/28	7/18	8/14	7/27	7/31	8/4	8/3	7/22 8/5
Last	8/10	8/9	8/18	8/8	8/3	8/6	8/31	7/31 8/13
Numbers collected								
	116	77	17	93	14	11	24	48 59

9351 *Apamea alia* (Gn., 1852)

VF 1976 first m 6/29 last m 7/13-total 2. 1977 first m 6/16 last m 6/31 -total 3. 1978 first m 6/9 last m 7/7-total 3. PP 1976 first m 6/22 last m 7/13-total 4. 1977 first m 6/18 last m 7/8-total 3. DD 1978 first m 6/28 last m 7/7-total 2.

9360 *Apamea impulsiva* (Gn., 1852)

VF 1977 first m 5/31 last m 7/24-total 3. PP 6/11/75 1 m. 6/18/77 1 m.

9362 Apamea indocilis (Wik., 1856)

VF 6/28/74 1 m. 6/21/75 1 m. 1977 first m 6/12 last m 6/16-total 3. DD 6/29/78 1 m.

9364 Apamea finitima Gn., 1852

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/2	5/29		5/31		5/27		6/1	
10	6/6	-		6/4		5/30		6/6	
50	6/14	6/5		6/15		6/8		6/21	
90	6/22	-		6/22		6/21		-	
Last	6/29	6/15		6/24		6/30		6/25	
Numbers collected									
	78	13	13*	41	18*	41	12*	33	41*

*Only inclusive dates are known 5/24-6/30.

9367 Agroperina dubitans (Wik., 1856)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/1	7/24	8/6	8/2	8/22	7/16	7/5	8/3	7/14
10	7/23	-	-	-	-	-	-	-	-
50	8/21	8/22	8/18	9/1	-	8/9	7/16	-	8/6
90	9/11	8/30	8/25	-	-	-	-	-	-
Last	9/17	9/2	9/6	9/20	9/5	8/31	9/1	8/17	8/15
Numbers collected									
	28	13	13	4	2	8	6	2	6

9372 Agroperina lutosa (Andrews, 1877)

VF 7/8/74 1 m. 1975 first m 7/7 last m 7/9-total 2. PP 7/3/75 1 m. 1976 first m 7/7 last m 9/3-total 5. 7/9/77 1 m. DD 1978 first m 7/7 last m 7/8-total 2.

9373 Agroperina helva (Grt., 1875)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/21	8/1	8/5		8/29	8/8	8/11	8/24	
10	-	-	8/11		-	-	-	-	
50	-	-	8/18		-	-	-	-	
90	-	-	8/31		-	-	-	-	
Last	8/26	-	9/12		-	-	8/18	-	
Numbers collected									
	2	1	53		1	1	2	1	

**9382 Crymodes devastator (Brace, 1819)
glassy cutworm**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/6	6/11		6/23		6/13		7/12	
10	7/16	7/12		7/26		7/8		7/22	
50	7/31	7/21		8/5		8/1		7/28	
90	8/19	8/7		8/10		8/12		8/11	
Last	9/11	8/26		8/21		8/28		8/21	
Numbers collected									
	42	41	17*	25	8*	38	9*	28	5*

* Only inclusive dates are known 5/23-9/11.

9391 Luperina passer (Gn., 1852)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/10	6/3	6/9	6/16	6/18	5/29	6/7	6/10	6/10
10	6/18	6/10	-	6/21	-	6/1	-	6/16	6/14
50	7/2	6/20	6/23	7/2	-	6/18	6/21	6/26	6/28
90	7/14	7/13	7/11	7/15	-	6/30	-	7/17	7/6
Last	7/20	7/20	7/15	7/17	7/3	7/6	7/6	7/21	7/20
Second Generation									
First	7/22	7/23	8/3	7/22	7/28	7/21	7/21	7/26	7/25
10	7/24	-	-	-	-	-	-	-	7/31
50	8/4	8/24	9/3	8/14	8/7	8/2	-	8/26	8/19
90	8/28	9/27	9/23	-	-	8/17	-	-	9/11
Last	9/14	10/14	10/11	8/28	8/26	8/18	-	9/10	9/13
Numbers Collected									
1st gen.	145	73	14	61	3	29	9	59	45
2nd gen	27	26	11	7	3	14	1	7	16

9396 Eremobina claudens (Wik., 1857) VF

8/1/75 1 m. PP 8/19/75 1 m. 8/6/77 1 m.

9402 Oligia chlorostigma (Harv., 1876)

VF 1974 first m 7/19 last m 7/26-total 2. 1975 first m 6/24 last m 7/18-total 2. 7/17/76 1 m. 7/6/78 1 m.

9404 Oligia modica (Gn., 1852)

VF 1974 first m 6/5 last m 9/1 -total 14. 1975 first m 7/5 last m 8/17-total 9. 1976 first m 7/16 last m 8/23-total 5. 1978 first m 8/6 last m 8/10-total 2. PP 1975 first m 7/18 last m 8/6-total 3. 7/29/76 1 m. 8/8/77 1 m. DD 1978 first m 8/1 last m 8/8-total 2.

**9406 *Oligia fractilinea* (Grt., 1874)
lined stalk borer**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/26	8/5	8/14	9/3	9/18	8/31			
10	-	8/15	-	-	-	-			
50	9/9	8/26	8/27	-	-	-			
90	9/13	9/7	-	-	-	-			
Last	10/6	9/12	9/1	9/8	-	-			
Numbers collected									
	13	15	3	2	1	1			

9408 *Oligia exhausta* (Sm., 1903)

VF 1974 first m 7/4 last m 7/7-total 4. PP 7/6/76 1 m.

9415 *Oligia bridghami* (G. & R. 1866)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/13	7/14	7/14	7/20	7/11	7/14	7/9	7/17	7/9
10	-	-	-	-	-	-	-	-	-
50	7/23	7/18	7/16	-	-	-	7/19	-	7/23
90	-	-	-	-	-	-	-	-	-
Last	8/3	7/29	8/2	7/22	7/29	7/19	7/31	7/30	8/2
Numbers collected									
	5	3	8	2	3	2	6	2	7

9419 *Oligia mactata* (Gn., 1852)

PP 9/23/75 1 m. 9/2/77 1 m. DD 9/4/78 1 m.

9427 *Meropleon diversicolor* (Morr., 1874)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	9/11	8/19	8/30	9/7	9/2	8/26	5/23	8/30	8/16
10	-	-	-	-	-	-	8/23	-	-
50	-	8/26	9/5	9/8	9/19	8/30	9/8	8/31	-
90	-	-	9/25	-	-	-	9/15	-	-
Last	-	9/4	9/27	9/16	9/27	9/8	9/22	9/5	-
Numbers collected									
	1	4	11	6	7	9	16	4	1

9429 Lemmeria digitalis (Grt., 1882)

VF 10/9/75 1 m. PP 1977 first m 9/19 last m 10/3-total 4. DD 10/3/78 1 m.

9433 Xylomoia chagnoni B. & McD., 1917

VF 6/22/75 1 m. PP 6/19/75 1 m. DD 6/28/78 1 m.

9449 Archanara oblonga (Grt., 1882)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	7/30	8/2	7/29	7/26	8/6	5/1	7/13	
10	8/11	-	-	8/8	-	7/21	-	
50	8/18	8/4	8/12	8/22	-	8/2	7/24	
90	8/25	8/24	-	9/3	-	8/27	-	
Last	8/27	8/29	8/14	9/16	8/19	9/1	9/16	
Numbers collected								
	20	14	5	58	2	34	8	

9450 Archanara subflava (Grt., 1882)

VF 8/29/74 1 m. PP 1975 first m 8/3 last m 8/12-total 2.

9451 Archanara laeta (Morr., 1875)

VF 8/11/78 1 m. DD 7/13/78 1 m.

**9452 Macronoctua onusta Grt., 1874
iris borer**

VF 10/8/75 1 m. 9/16/77 1 m.

9453 Helotropha reniformis (Grt., 1874)

VF 1974 first m 9/7 last m 10/5-total 4. 1975 first m 7/9 last m 9/13-total 4. 1976 first m 7/21 last m 8/8-total 2. 1977 first m 7/30 last m 8/31 -total 4. 9/21/78 1 m. PP 1975 first m 8/3 last m 9/29-total 12. 1976 first m 8/2 last m 10/6-total 7. 9/6/77 1 m. DD 8/4/78 1 m.

9454 Amphipoea velata (Wik., 1865)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	7/5	6/12	6/16	6/20	6/14	6/19	6/14	6/27 6/28
10	7/9	6/29	6/28	6/30	7/1	6/28	6/27	7/3 7/2
50	7/19	7/8	6/29	7/8	7/13	7/7	7/8	7/9 7/10
90	7/26	7/16	7/15	7/18	7/30	7/8	7/14	7/16 7/28
Last	8/14	7/30	8/3	7/27	8/13	7/18	8/21	7/31 8/5
Numbers collected								
	87	230	129	413	30	89	95	562 225

9456 Amphipoea interoceanica (Sm., 1899)

VF 1976 first m 7/10 last m 8/8-total 2. 8/9/78 1 m. PP 1977 first m 7/16 last m 8/11-total 5. DD 1978 first m 7/20 last m 8/11-total 14.

9457 Amphipoea americana (Speyer, 1875) *

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First								
10								
50								
90								
Last								
<u>Numbers collected</u>								
	32	83 1/2	83 1/2	24	24	50	50	63 63

* Individual dates and separation of locations not available. 1/2 total catch for year indicated for each location.

9468 Papaipema aerata (Lyman, 1901)

PP 10/6/76 1 m.

9471 Papaipema arctivorens Hamp, 1910

VF 1975 first m 8/9 last m 9/22-total 8. 1978 first m 8/23 last m 9/26-total 7. PP 1975 first m 8/22 last m 9/21-total 4. 9/19/76 1 m. DD 1978 first m 8/27 last m 9/8-total 8.

9473 Papaipema impecuniosa (Grt., 1881)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First				7/15	5/10			
10				-	-			
50				-	-			
90				-	-			
Last				-	5/23			
<u>Second Generation</u>								
First		9/18		9/17	9/16			9/20 9/15
10		-		-	-			- 9/20
50		9/20		-	10/2			9/21 10/3
90		-		-	10/14			- 10/6
Last		10/3		9/23	10/26			9/27 10/11
<u>Numbers Collected</u>								
1st gen.		-		1	2			- -
2nd gen		3		3	14			4 25

9480 Papaipema pterisii Bird, 1907

VF 9/9/76 1 m. 1977 first m 8/12 last m 9/13-total 4. PP 1975 first m 7/16 last m 9/28-total 9. 9/13/76 1 m. 1977 first m 5/23 last m 9/15-total 6.

9483 Papaipema inquaesita (G. & R., 1868)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First	9/16		7/18	9/16	8/23	9/15	5/23	8/31
10	-		8/29	-	9/4	-	9/5	-
50	9/23		9/23	-	9/19	-	9/13	9/6
90	-		10/13	-	10/13	-	9/30	-
Last	10/6		10/24	9/22	10/20	-	11/4	10/2
Numbers collected								
	3		146	2	64	1	150	3

9485 Papaipema baptisiae (Bird, 1902)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First	9/1			8/28	9/1	9/8	9/1	9/2 10/9
10	9/8			-	-	-	-	-
50	9/11			9/17	9/17	-	-	9/10
90	10/1			9/29	-	-	-	9/19
Last	10/6			10/6	10/5	9/26	9/20	9/22 11/3
Numbers collected								
	21			10	7	4	4	10 2

9490 Papaipema nepheleptena (Dyar, 1908)

VF 1975 first m 9/26 last m 10/14-total 2.

9491 Papaipema circumlucens (Sm., 1899)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DO
First		8/22	7/16					
10		8/24	9/1					
50		9/16	9/18					
90		9/30	9/26					
Last		10/11	10/5					
Numbers collected								
		23	26					

9492 *Papaipema marginidens* (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/28	8/13	8/14	8/21	8/23	8/18	8/3	8/16	8/29
10	9/4	8/17	8/18	8/29	8/28	-	9/1	-	-
50	9/7	9/12	9/8	9/16	9/14	9/5	9/9	8/29	9/12
90	9/21	9/28	9/28	-	9/20	9/28	9/24	9/28	9/21
Last	9/29	10/1	10/6	9/27	9/27	9/30	10/1	10/5	9/24
Numbers collected									
	17	24	68	17	26	11	32	10	12

9495 *Papaipema furcata* (Sm., 1899)

VF 9/17/77 1 m.

**9496 *Papaipema nebris* (Gn., 1852)
stalk borer**

VF 1978 first m 9/2 last m 10/2-total 3. DD 1978 first m 8/27 last m 9/25-total 5.

9497 *Papaipema necopina* (Grt., 1876)

PP 1975 first m 9/2 last m 10/6-total 6. 9/23/77 1 m.

9501 *Papaipema eupatorii* (Lyman, 1905)

PP 1975 first m 10/20 last m 10/22-total 2.

9503 *Papaipema rigida* (Grt., 1877)

PP 9/24/77 1 m.

9509 *Papaipema unimoda* (Sm., 1894)

VF 1974 first m 9/8 last m 10/4-total 5. 1975 first m 8/15 last m 10/1 -total 8. 1976 first m 9/3 last m 10/16-total 5. 9/15/78 1 m. PP 1975 first m 8/2 last m 8/11-total 2. 1976 first m 7/22 last m 8/9-total 2. 6/23/77 1 m. DD 9/29/78 1 m.

9513 *Hydraecia immanis* Gn., 1852

VF 8/24/76 1 m.

**9520 *Achatodes zeae* (Harr., 1841)
elder shoot borer**

VF 8/4/74 1 m. 1975 first m 7/15 last m 8/5-total 6. 1976 first m 8/5 last m 8/22-total 2. PP 1975 first m 8/30 last m 10/2-total 2. 1976 first m 9/21 last m 10/20-total 5. 6/23/77 1 m. DD 1978 first m 7/25 last m 7/29-total 2.

9525 Bellura obliqua (Wik., 1865)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/4	5/26	5/22	5/24	6/11	5/13	5/17	6/6	
10	-	-	-	5/26	-	5/16	-	-	
50	6/10	5/29	6/5	6/2	-	5/23	5/21	-	
90	-	-	-	-	-	-	-	-	
Last	6/21	6/7	6/15	6/10	-	6/11	6/4	6/7	
Second Generation									
First	8/4		8/10						
10	-		-						
50	-		-						
90	-		-						
Last	8/22		-						
Numbers Collected									
1st gen.	9	8	9	19	1	20	8	2	
2nd gen	2	-	1	-	-	-	-	-	

9545 Euplexia benesimilis McD., 1922

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		5/30	5/27		4/21	5/27	5/7	6/9	5/25
10		-	-		-	-	5/17	-	-
50		6/1	6/4		5/15	-	5/24	-	-
90		-	-		-	-	6/9	-	-
Last		6/6	7/4		6/23	-	6/11	-	6/9
Second Generation									
First	8/15	7/15	7/31	8/1	7/28		7/8	8/5	7/31
10	-	-	-	-	-		-	-	-
50	-	-	8/6	-	8/2		7/31	8/14	-
90	-	-	8/17	-	8/9		-	-	-
Last	8/22	8/1	8/22	-	8/22		8/8	8/23	8/16
Numbers Collected									
1st gen.	-	4	14	-	8	1	29	1	5
2nd gen	2	2	10	1	13	-	8	6	2

9546 Phlogophora Iris Gn., 1852

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/28	5/29	5/25	6/8	5/31	5/26	5/28	6/7	6/1
10	6/7	-	5/30	-	6/1	-	5/31	-	-
50	6/19	6/6	6/12	6/20	6/18	6/4	6/14	-	6/11
90	6/26	-	6/16	6/27	6/23	6/17	6/18	-	6/22
Last	7/14	7/1	6/29	6/28	6/25	6/19	6/21	-	7/1
Numbers collected									
	33	8	32	10	21	11	25	1	10

9547 Phlogophora periculosa Gn., 1852

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First		9/25	8/13	9/7	8/30		8/12	8/23
10		-	8/15	-	-		-	-
50		-	9/1	-	9/5		8/26	8/29
90		-	9/7	-	-		-	-
Last		-	9/8	-	9/25		9/13	9/6
Numbers collected								
		1	21	1	5		6	5

9549 Enargia decolor (Wik., 1858)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First			7/16		7/28		7/7	9/6
10			7/25		-		-	-
50			8/12		8/2		8/6	-
90			8/25		9/8		9/10	-
Last			8/31		9/13		9/13	9/11
Numbers collected								
			15		14		18	2

9550 Enargia infumata (Grt., 1874)

VF 1975 first m 7/16 last m 7/27-total 2.

9551 Enargia mephisto Franc., 1939

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First		7/6	6/18	6/30	6/23	7/2	5/18	7/8
10		-	6/28	-	6/26	-	6/20	-
50		7/10	7/3	7/1	7/7	-	6/30	-
90		-	7/8	-	7/16	-	7/8	-
Last		7/16	7/28	7/8	7/31	-	7/12	-
Numbers collected								
		14	85	4	58	1	111	1

9555 *Ipimorpha pleonectusa* Grt., 1873

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/19	7/24	7/4	8/5	7/27		7/8	7/20	8/1
10	-	-	7/7	-	-		-	-	-
50	-	8/3	8/5	-	8/23		8/8	-	-
90	-	-	8/28	-	8/30		-	-	-
Last	-	8/15	8/30	8/8	9/18		8/17	7/25	-
Numbers collected									
	1	5	19	2	11		7	5	1

9556 *Chytonix palliatricula* (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/1		6/1		6/24	6/21	6/8
10			-		6/12		-	-	-
50			6/15		6/26		7/7	-	6/19
90			7/8		7/22		-	-	-
Last			7/17		7/31		7/24	7/16	7/20
Numbers collected									
			13		20		6	2	3

9557 *Chytonix sensilis* Grt., 1881

PP 1975 first m 8/11 last m 8/15-total 2. 7/28/76 1 m.

9560 *Dypterygia rozmani* Berio, 1974

PP 1975 first m 6/8 last m 6/15-total 2. 1976 first m 6/20 last m 7/14-total 2. 7/24/77 1 m.

9578 *Hyppa xylinoidea* (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/21	5/30	5/4	5/15	5/15	5/13	5/11	5/26	5/24
10	5/25	5/31	5/21	5/17	-	5/17	5/21	-	5/30
50	5/31	6/3	6/2	5/31	6/1	5/24	5/27	6/1	6/6
90	6/15	6/10	6/8	-	6/14	6/14	6/11	-	6/16
Last	6/22	6/13	6/14	6/16	6/21	6/26	6/21	6/12	6/22
Second Generation									
First	7/23	6/30	7/18	7/31	7/1	7/10	7/12	8/13	9/3
10	7/29	7/4	8/2	-	-	8/5	8/2	-	-
50	8/30	8/5	8/11	8/10	8/18	8/7	8/6	8/23	9/5
90	9/20	8/16	8/26	8/31	9/2	8/18	9/23	-	-
Last	10/5	8/20	9/13	9/15	9/5	8/31	10/1	9/2	9/10
Numbers Collected									
1st gen.	58	21	98	15	23	46	50	8	17
2nd gen	31	17	90	14	14	18	75	6	7

9582 Nedra ramosula (Gn., 1853)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		5/28	5/1	5/1	4/16	5/11	5/4	5/11	5/12
10		-	5/12	-	4/19	-	-	-	-
50		-	5/20	5/15	5/5	-	5/16	5/24	5/22
90		-	6/3	-	5/30	-	5/23	-	5/31
Last		-	6/14	6/8	6/15	5/16	5/31	5/30	6/1
Second Generation									
First	7/22	7/11	7/9	7/16	6/26	7/8	6/29	7/24	6/28
10	-	-	7/15	-	7/1	-	7/3	-	-
50	7/27	8/1	8/16	-	8/23	8/16	8/5	7/28	8/27
90	-	-	8/28	-	9/15	-	9/9	9/6	9/10
Last	8/14	8/26	8/29	8/23	9/16	9/5	9/10	9/7	9/20
Numbers Collected									
1st gen.	-	1	28	5	30	3	22	8	11
2nd gen	5	8	58	2	16	8	22	17	11

9619 Phosphila miselioides (Gn., 1852)

VF 7/15/76 1 m. PP 1976 first m 7/8 last m 7/28-total 3. 1977 first m 7/11 last m 7/21-total 3.

9626 Trachea delicta (Grt., 1874)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/13	6/22	6/28	6/28	6/4		
10			6/15	-	-	-	6/16		
50			6/29	-	7/16	-	7/3		
90			7/14	-	9/4	-	7/14		
Last			7/28	-	9/20	-	7/20		
Numbers collected									
			39	1	14	1	38		

9629 Fagitana littera (Gn., 1852)

PP 6/24/76 1 m.

9631 Callopietria mollissima (Gn., 1852)

VF 7/17/77 1 m. 1978 first m 6/13 last m 6/20-total 2. PP 8/7/76 1 m. 1977 first m 5/22 last m 6/24-total 2. DD 7/16/78 1 m.

9633 Callopietria cordata (Ljungh, 1825)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/31	7/3	6/10		5/18		
10			-	-	6/12		6/11		
50			6/26	-	6/23		7/5		
90			7/4	-	7/2		7/11		
Last			7/10	-	7/5		7/15		
Second Generation									
First			8/6	7/21	7/22		8/21		
10			-	-	-		-		
50			-	-	-		-		
90			-	-	-		-		
Last			8/12	-	-		-		
Numbers Collected									
1st gen.			10	1	17		15		
2nd gen			2	1	1		1		

9637 Magusa orbifera (Wik., 1857)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		8/24	8/30	7/2	6/20				10/12
10		-	9/1	-	-				-
50		9/12	9/19	-	-				-
90		10/17	10/24	-	-				-
Last		10/29	10/28	-	-				-
Numbers collected									
		13	28	1	1				1

9638 Amphipyra pyramidoides Gn., 1852

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		8/1	8/6	7/30	8/24	7/17	8/6		9/28
10		-	9/1	-	-	-	9/8		-
50		9/7	9/19	9/1	9/20	8/16	9/20		-
90		-	10/10	-	-	9/19	10/9		-
Last		9/25	10/25	9/17	10/6	9/22	10/25		-
Numbers collected									
		7	52	6	7	14	48		1

9639 Amphipyra trapopoginis (Cl., 1759)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/20	7/4	6/16	7/13	7/10	6/25	7/5	7/9	7/5
10	-	-	-	7/14	-	7/4	-	-	-
50	-	7/16	7/1	7/18	-	7/15	7/8	7/19	7/21
90	-	-	-	-	-	-	-	-	-
Last	7/23	7/24	7/23	7/21	7/31	7/29	7/13	7/21	7/31
Second Generation									
First	8/28	8/15	8/27	8/8		8/12	8/5	8/8	8/28
10	-	-	-	-		-	-	-	-
50	9/8	8/22	9/27	-		8/28	9/6	8/28	-
90	-	-	-	-		-	-	-	-
Last	9/21	9/8	10/5	8/28		9/8	9/24	10/11	9/5
Numbers Collected									
1st gen.	2	7	5	17	6	15	6	7	5
2nd gen	5	4	3	3	-	9	6	6	2

9640 Amphipyra glabella (Morr., 1874)

VF 8/11/74 1 m. 1975 first m 7/17 last m 8/1-total 2. 7/16/77 1 m. **PP** 7/31/76 1 m. 1977 first m 7/8 last m 8/4-total 3. **DD** 1978 first m 7/31 last m 8/1-total 2.

9647 Proxenus miranda (Grt., 1873)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/31	5/25	5/14	6/5	6/6		5/31	6/1	5/30
10	-	-	-	-	-		-	-	-
50	6/3	-	5/25	6/8	-		-	6/21	-
90	-	-	-	-	-		-	-	-
Last	6/6	5/27	5/29	6/11	6/8		-	6/25	6/8
Second Generation									
First	8/28	8/3	8/31	8/20		8/26	7/22	7/31	7/14
10	-	-	-	-		-	-	-	-
50	-	10/10	-	-		-	-	8/7	-
90	-	-	-	-		-	-	-	-
Last	-	10/17	9/13	-		10/1	7/30	8/21	8/6
Numbers Collected									
1st gen.	3	2	10	3	2	-	1	6	3
2nd gen	1	3	2	1	-	2	2	4	3

9661 Crambodes talidiformis Gn., 1852

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/27	5/24	6/12	6/1		5/23	6/17	5/29	5/23
10	-	-	-	-		-	-	-	5/28
50	6/15	5/25	6/13	6/18		-	-	-	6/2
90	-	-	-	-		-	-	-	6/10
Last	6/22	6/24	6/15	6/30		5/30	6/25	-	6/24
<u>Second Generation</u>									
First	7/5	7/22	7/7	8/9	7/14	7/14	7/12	7/24	7/5
10	-	-	-	-	-	-	-	-	-
50	7/8	-	-	8/12	7/30	8/1	7/30	-	7/24
90	-	-	-	-	-	-	-	-	8/16
Last	7/9	7/25	7/11	8/25	8/13	8/13	8/11	8/14	8/21
<u>Numbers Collected</u>									
1st gen.	6	3	3	6	-	4	2	1	57
2nd gen	3	2	2	4	4	12	9	2	13

9662 Balsa malana (Fitch, 1856)

VF 1974 first m 5/26 last m 8/23-total 2. 5/17/76 1 m. PP 1976 first m 5/30 last m 8/17-total 2. 1977 first m 5/17 last m 5/20-total 3. DD 1978 first m 5/30 last m 7/5-total 12.

9663 Balsa tristrigella (Wik., 1866)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		5/30	5/18	6/2	5/29		5/21		5/19
10		-	-	-	-		-		5/23
50		-	6/2	-	6/10		5/23		6/1
90		-	6/12	-	-		-		6/8
Last		-	6/15	-	6/25		6/4		6/18
<u>Numbers collected</u>									
		1	10	1	4		4		44

9664 Balsa labecula (Grt., 1880)

VF 1974 first m 6/10 last m 7/28-total 11. 1976 first m 6/24 last m 7/9-total 3. 1977 first m 6/16 last m 6/30-total 2. 1978 first m 6/8 last m 6/18-total 2. PP 1975 first m 7/3 last m 7/4-total 2. 1976 first m 6/1 last m 7/11-total 3. 1977 first m 5/21 last m 7/19-total 5. DD 6/25/78.

9666 Spodoptera frugiperda (J. E. Smith, 1797)
fall armyworm

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/31		6/15		5/10		
10			-		-		-		
50			6/6		-		-		
90			-		-		-		
Last			6/12		6/23		6/14		
Second Generation									
First	8/27	8/17	7/16	8/29	8/22	8/6	8/6		
10	8/28	8/31	9/6	9/15	-	8/31	9/5		
50	9/13	9/12	10/6	9/17	9/9	9/13	9/12		
90	11/3	10/4	10/25	9/26	9/26	9/30	9/30		
Last	11/8	10/24	11/13	9/27	10/13	10/6	11/4		
Numbers Collected									
1st gen.	-	-	5	-	2	-	2		
2nd gen	22	59	150	39	11	1468	3/21		

9669 Spodoptera ornithogalli (Gn., 1852)
yellowstriped armyworm

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		7/21	7/16	8/13		9/9		8/24	9/18
10		8/1	8/6	-		-		-	-
50		8/21	10/2	-		-		9/18	9/24
90		9/9	10/29	-		-		9/29	-
Last		9/10	11/9	8/15		10/9		10/5	10/12
Numbers collected									
		19	45	2		8		83	15

9681 Elaphria festivoides (Gn., 1852)

VF 7/9/78 1 m. PP 1975 first m 5/31 last m 6/18-total 3. 5/29/76 1 m. DD 6/25/78 1 m.

9684 Elaphria grata Hbn., 1818

VF 10/15/74 1 m. 10/16/76 1 m.

9688 Galgula partita Gn., 1852

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/14	5/28	5/27	6/8	7/5	6/1	6/24	6/18	6/8
10	-	-	-	-	-	-	-	-	-
50	-	5/31	6/1	7/1	-	6/19	-	-	6/18
90	-	-	-	-	-	-	-	-	-
Last	-	6/22	6/22	7/10	-	6/28	-	-	6/22
Second Generation									
First	6/28	7/17	7/10	7/31	8/17	7/26			7/31
10	-	7/21	-	-	-	-			-
50	7/4	8/27	10/29	8/26	-	8/14			-
90	-	-	-	-	-	-			-
Last	8/22	11/9	11/10	9/19	9/16	10/7			10/22
Numbers Collected									
1st gen.	1	4	3	11	1	3	1	1	4
2nd gen	8	15	10	8	2	7	-	-	2

9690 Platysenta videns (Gn., 1852)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/22	5/20		5/25	6/25	5/18		6/7
10		-	-		-	-	-		-
50		-	5/28		6/2	-	5/24		-
90		-	6/1		6/14	-	6/4		-
Last		-	6/6		6/17	-	6/11		6/19
Second Generation									
First	8/14	7/20	7/18	8/4	7/26	8/6	7/18	8/7	
10	-	-	-	-	-	-	-	-	
50	8/19	8/1	9/3	8/12	8/7	-	8/3	-	
90	-	-	-	-	-	-	8/9	-	
Last	8/24	10/9	9/19	8/27	8/26	-	8/10	-	
Numbers Collected									
1st gen.	-	1	11	-	10	1	13	-	2
2nd gen	3	9	7	5	8	1	10	1	-

9696 Platysenta vecors (Gn., 1852)

VF 1974 first m 5/24 last m 9/1 -total 7. 1975 first m 5/21 last m 7/31-total 4. 6/1/76 1 m. 1977 first m 5/18 last m 5/27-total 4. 5/30/78 1 m. PP 5/25/75 1 m. 7/30/76 1 m.

9699 Platysenta sutor (Gn., 1852)

VF 8/31/77 1 m.

9720 Ogdoconta cinereola (Gn., 1852)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/6	5/27	5/26		6/9		5/20	5/28	6/3
10	-	-	-		-		-	-	-
50	6/20	6/5	6/15		6/29		-	6/1	-
90	7/9	-	7/4		7/9		-	-	-
Last	7/16	6/17	7/13		7/10		7/6	6/3	-
Second Generation									
First	8/1	7/13	7/19		7/17		7/17		7/31
10	8/5	8/6	-		-		-		-
50	8/27	8/9	8/6		-		7/24		-
90	9/9	8/19	-		-		-		-
Last	9/10	9/28	9/6		7/29		8/4		-
Numbers Collected									
1st gen.	18	5	10		14		4	4	1
2nd gen	17	41	8		2		3	-	1

9815 Cosmia calami (Harv., 1876)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/23	7/1		7/7		7/5	6/28	7/9
10		-	7/7		7/14		7/9	-	-
50		-	7/15		7/22		7/17	-	7/11
90		-	7/19		7/30		7/21	-	-
Last		6/29	7/31		8/14		8/3	-	7/27
Numbers collected									
		2	82		147		31	1	3

9818 Amolita fessa Grt., 1874

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/6	6/30	7/3	6/28	7/13	6/26	6/25	7/5	7/5
10	-	-	-	6/29	-	-	-	-	-
50	7/7	7/1	-	7/7	-	6/29	6/28	-	-
90	-	-	-	-	-	-	-	-	-
Last	7/9	7/7	7/21	7/12	-	7/14	7/3	7/13	-
Numbers collected									
	7	4	2	16	1	3	5	2	1

9873 Xylena nupera (Lint., 1874)

VF 1975 first m 4/30 last m 5/4-total 2. 4/22/76 1 m. 4/17/77 1 m. PP 1975 first m 5/12 last m 5/29-total 2. 1976 first m 4/17 last m 4/18-total 2. DD 5/12/78 1 m.

9874 Xylena curvimacula (Morr., 1874)

VF 9/12/76 1 m. PP 10/26/75 1 m. 1976 first m 4/16 last m 9/20-total 7.

9878 Lithomoia solidaginis (Hbn., 1803)

VF 1974 first m 9/20 last m 9/27-total 2. 1975 first m 9/17 last m 9/26-total 2. 9/20/77 1 m. 9/7/78 1 m.
PP 1975 first m 7/16 last m 10/10-total 8. 1976 first m 7/15 last m 10/4-total 4. 1977 first m 9/14 last m 10/8-total 5. DD 9/2/78 1 m.

9881 Homoglaea hircina Morr., 1876

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/4		4/13		3/30		
10			-		-		3/31		
50			-		4/16		4/12		
90			-		-		-		
Last			-		4/19		4/21		
Second Generation									
First		11/10	11/10			11/3	10/11	10/5	
10		-	-			-	-	-	
50		-	-			-	4/4	-	
90		-	-			-	4/10	-	
Last		-	-			11/6	4/15	-	
Numbers Collected									
1st gen.		-	1		9	-	38	-	
2nd gen		1	1		-	2	11	1	

9887 Lithophane bethunei (G. & R., 1868)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/28	4/17	5/1	4/14	4/15	3/12	4/13	4/30	
10	-	-	-	-	-	-	-	-	
50	-	4/25	5/4	-	-	4/18	4/18	-	
90	-	-	5/15	-	-	-	-	-	
Last	-	5/13	5/19	4/21	4/17	5/14	4/30	-	
Second Generation									
First		7/12	10/7	9/14		10/24			
10		-	-	-		-			
50		-	10/24	-		10/27			
90		-	10/28	-		-			
Last		-	11/4	-		10/29			
Numbers Collected									
1st gen.	1	4	12	2	2	6	3	1	
2nd gen	-	1	11	1	-	3	-	-	

9888 Lithophane innominata (Sm., 1893)

VF 4/30/75 1 m.

9889 Lithophane petulca Grt., 1874

PP 1975 first m 9/9 last m 10/20-total 4. 10/15/77 1 m.

9891 Lithophane amanda (Sm., 1900)

PP 1975 first m 4/29 last m 5/16-total 4. 4/25/77 1 m. DD 5/18/78 1 m.

9892 Lithophane disposita Morr., 1874

PP 1975 first m 10/11 last m 10/26-total 4. 4/30/76 1 m. 5/10/77 1 m.

9893 Lithophane hemina Grt., 1874

VF 1978 first m 9/7 last m 9/22-total 2. PP 1975 first m 4/29 last m 10/11 -total 3. 1977 first m 4/11 last m 4/22-total 3. DD 9/8/78 2 m.

9894 Lithophane oriunda Grt., 1874

VF 4/15/76 1 m. 10/1/78 1 m.

9895 Lithophane signosa (Wlk., 1857)

VF 4/6/76 1 m. PP 5/9/75 1 m.

9902 Lithophane baileyi Grt., 1877

VF 10/9/76 1 m.

**9910 Lithophane antennata (Wlk., 1858)
green fruitworm**

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/21		4/30		4/21	3/12	4/10	4/19	4/26
10	-		-		-	-	-	-	-
50	4/22		5/1		-	3/29	-	-	5/7
90	-		-		-	-	-	-	-
Last	5/27		5/14		-	5/31	-	-	5/16
Second Generation									
First	9/26	10/1	10/2	10/24	10/31	10/23	10/8	9/29	9/20
10	-	-	10/6	-	-	-	-	-	-
50	-	10/5	10/22	-	-	-	-	10/21	10/5
90	-	-	-	-	-	-	-	11/4	-
Last	-	10/22	11/8	-	-	10/30	-	11/6	10/24
Numbers Collected									
1st gen.	3	-	4	-	1	5	1	1	6
2nd gen	1	4	18	1	1	2	1	10	4

9914 Lithophane laticinerea Grt., 1874

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		4/16	4/25			3/11	4/11	4/24	
10		-	-			-	-	-	
50		-	4/29			4/15	4/16	5/4	
90		-	-			4/22	-	-	
Last		-	5/1			4/24	4/21	5/10	
Second Generation									
First		9/30	10/7	10/5	9/30	11/1	10/16	9/25	
10		-	10/11	-	-	-	-	-	
50		-	10/19	10/14	10/5	-	-	10/28	
90		-	10/28	-	-	-	-	11/13	
Last		-	11/2	11/3	11/2	-	-	11/14	
Numbers Collected									
1st gen.		1	3	-	-	11	5	4	
2nd gen		1	33	5	3	1	1	10	

9915 Lithophane grotel Riley, 1882

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		4/15				3/2			
10		-				-			
50		-				4/24			
90		-				4/29			
Last		-				4/30			
Second Generation									
First	10/15	10/11	10/7		10/11	11/1	10/8	10/10	10/5
10	-	-	10/11		-	-	-	-	-
50	-	10/25	10/25		10/19	11/7	10/14	10/25	11/1
90	-	-	10/29		-	-	-	11/9	-
Last	11/8	11/8	11/6		11/3	11/10	11/3	11/14	11/8
Numbers Collected									
1st gen.	-	1	-		-	10	-	-	-
2nd gen	2	5	206		6	5	6	15	9

9916 Lithophane unimoda (Lint., 1878)

VF 11/1/741 m. 1975 first m 10/20 last m 11/3-total 2. 1976 first m 4/14 last m 11/3-total 2. 1977firstm 3/13mastm10/15-total3. 1978 first m 11/4 last m 11/11-total 3. PP 1975 first m 5/2 last m 10/30-total 13. DD 1978 first m 4/11 last m 4/28-total 6.

9917 Lithophane fagina Morr., 1874

VF 11/7/74 1 m. PP 1975 first m 5/3 last m 5/11-total 3.

9929 <i>Pyreferra hesperidago</i> (Gn., 1852)									
Year and Date Catch Attained									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			4/29			4/10	3/29		4/26
10			-			-	-		-
50			5/12			4/12	4/4		-
90			-			-	4/20		-
Last			5/16			4/22	4/28		5/18
Second Generation									
First			9/30	10/4					
10			10/2	-					
50			10/10	-					
90			10/25	-					
Last			11/8	-					
Numbers Collected									
1st gen.			3	-		9	10		2
2nd gen			23	1		-	-		-

9930 *Pyreferra citrombra* Franc, 1941

VF 11/4/74 1m. 1975 first m 5/15 last m 10/22-total 2. PP 1975 first m 4/24 last m 10/25-total 11.

9933 *Eupsilia vinulenta* (Grt., 1864)

VF 10/13/75 1 m. 10/26/77 1 m. PP 1975 first m 10/7 last m 11/3-total 7.

9933.1 *Eupsilia sidus* (Gn., 1852)

VF 10/22/77 1 m. PP 1975 first m 10/9 last m 10/30-total 2. 10/11/77 1 m.

9935 <i>Eupsilia tristigmata</i> (Grt., 1877)									
Year and Date Catch Attained									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/1		4/15	3/12	3/29		4/25
10			-		-	-	-		-
50			-		-	-	-		4/26
90			-		-	-	-		-
Last			5/4		-	-	4/18		5/14
Second Generation									
First			10/9	10/24			10/6		
10			10/10	-			-		
50			10/20	-			-		
90			11/4	-			-		
Last			11/7	-			10/26		
Numbers Collected									
1st gen.			2	-	1	1	2		4
2nd gen			25	1	-	-	2		-

9936 Eupsilia morrisoni (Grt., 1874)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		4/16	5/4			3/11	3/30	4/10	4/25
10		-	-			-	-	-	-
50		-	-			3/28	3/31	-	-
90		-	-			-	-	-	-
Last		4/19	-			4/11	4/15	-	-
<u>Second Generation</u>									
First	10/30	10/5	10/2	10/31			10/9	10/10	10/10
10	-	-	10/9	-			-	-	-
50	-	10/10	10/17	-			10/14	10/25	-
90	-	-	11/5	-			10/16	-	-
Last	11/1	10/11	11/10	-			11/3	10/26	-
<u>Numbers Collected</u>									
1st gen.	-	2	1	-		5	3	3	1
2nd gen	2	3	61	1		-	10	4	1

9939 Eupsilia devia (Git., 1875)

PP 1975 first m 10/6 last m 11/4-total 6. 10/31/76 1 m. 1977 first m 3/28 last m 5/10-total 4. DD 10/30/78 1 m.

9943 Metaxaglaea inulta (Grt., 1874)

PP 1975 first m 9/18 last m 10/11-total 6. DD 10/5/78 1 m.

9946 Epiglaea decliva (Grt., 1874)

PP 10/20/76 1 m.

9950 Chaetaglaea sericea (Morr., 1874)

VF 1975 first m 10/10 last m 10/26-total 4. 9/26/76 1 m.

9952 Eucirrhoedia pampina (Gn., 1852)

PP 1975 first m 9/8 last m 10/16-total 15. 1976 first m 9/27 last m 10/15-total 4. 1977 first m 9/13 last m 10/15-total 5.

9957 Sunira bicolorago (Gn., 1852)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	9/27	9/9	8/25	9/16	9/18	9/14	10/5	9/13	8/29
10	10/6	9/26	10/7	9/30	10/4	9/30	10/9	9/29	9/19
50	10/30	10/11	10/13	10/5	10/13	10/24	10/21	10/18	10/11
90	11/1	10/25	10/29	10/20	10/27	11/1	11/5	11/5	-
Last	11/5	11/9	11/10	11/3	11/4	11/9	11/9	11/9	11/4
<u>Numbers collected</u>									
	60	228	4711	54	110	71	103	138	16

9961 Anathix ralla (G. & R. 1868)

VF 1976 first m 8/28 last m 9/7-total 3. 1977 first m 8/19 last m 9/1 -total 3. PP 1975 first m 9/1 last m 9/12-total 2. 9/10/77 1 m.

9962 Anathix puta (G. & R., 1868)

PP 1975 first m 7/16 last m 9/9-total 3. 9/23/77 1 m.

9965 Xanthia togata (Esp., 1788)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		9/24		9/30		9/15			10/11
10		9/27		-		-			-
50		10/1		10/12		10/1			-
90		10/10		-		10/11			-
Last		10/24		10/24		11/3			-
Numbers collected									
		38		7		10			1

9989 Sutyna privata (Wlk., 1857)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			7/7	9/20	8/26		9/6		
10			7/13	-	-		-		
50			9/11	-	9/5		9/10		
90			9/24	-	-		9/13		
Last			10/1	-	9/16		9/18		
Numbers collected									
			23	1	5		12		

9998 Brachylomia algens (Grt., 1878)

VF 7/15/75 1 m. PP 1975 first m 7/14 last m 7/28-total 2. 1976 first m 7/16 last m 7/27-total 6. 1977 first m 7/9 last m 7/28-total 7.

10007 Feralia major Sm., 1890

VF 1976 first m 5/15 last m 7/8-total 2. PP 5/4/75 1 m. 1976 first m 4/15 last m 4/18-total 9. 1977 first m 4/13 last m 4/23-total 4.

10012 Eutolype electilis (Morr., 1875)

VF 1974 first m 4/21 last m 4/29-total 2. 1975 first m 5/2 last m 5/24-total 2. 1976 first m 4/18 last m 4/19-total 2. 1977 first m 4/14 last m 4/21-total 4. PP 1975 first m 4/27 last m 5/3-total 2. 1976 first m 4/17 last m 5/26-total 2. DD 4/28/78 1 m.

10014 Eutolype rolandi Grt., 1874

PP 1975 first m 4/30 last m 5/3-total 2. 4/11/77 1 m.

10016 Copipanolis styracis (Gn., 1852)

PP 1975 first m 4/24 last m 5/1 -total 3. 1977 first m 3/29 last m 4/18-total 2.

10019 Psaphida resumens Wik., 1865

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			4/24		4/14		4/11	5/13	
10			4/25		-		-	-	
50			5/2		4/18		4/13	-	
90			5/13		4/30		4/18	-	
Last			6/12		5/8		4/23	5/16	
Numbers collected									
			16		11		14	2	

10021 Copivaleria grotel (Morr., 1874)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/18	5/1	4/30	4/17	4/14	3/29	4/11	4/16	4/26
10	4/19	-	-	-	4/16	4/11	4/12	-	-
50	4/22	5/6	5/1	4/18	4/18	4/19	4/20	-	5/19
90	4/30	-	-	-	5/10	-	4/21	-	-
Last	5/15	5/31	5/4	4/19	5/26	5/2	5/10	6/10	5/30
Numbers collected									
	46	3	3	10	19	20	17	2	6

10033 Catabena lineolata Wik., 1865

VF 1974 first m 5/12 last m 8/21-total 3. 1975 first m 5/29 last m 8/23-total 3. 8/7/76 1 m. 5/20/78 1 m. PP 1975 first m 5/19 last m 7/16-total 9. 8/5/76 1 m. DD 1978 first m 5/26 last m 6/17-total 4.

10059 Homohadena badistriga (Grt., 1872)

DD 8/1/78 1 m.

10067 Adita chionanthi (J. E. Smith, 1797)

VF 8/26/74 1 m. 8/18/77 1 m. 9/5/78 1 m. PP 1975 first m 8/18 last m 9/1-total 3. 8/28/76 1 m. 9/28/77 1 m.

10190 Cucullia**speyeri Lint., 1874**

PP 6/5/75 1 m.

10194 Cucullia intermedia Speyer, 1870									
<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/10	6/3		6/16		5/19	5/15	5/29	5/25
10	-	-		-		-	-	-	-
50	6/18	-		6/22		5/23	-	5/31	5/28
90	-	-		-		-	-	-	-
Last	6/25	-		6/30		6/4	-	6/10	6/8
<u>Second Generation</u>									
First	7/10	7/15	7/15	7/30	7/29	7/11		7/22	7/27
10	-	-	-	-	-	-		-	-
50	7/14	7/31	-	-	-	7/12		-	8/19
90	-	-	-	-	-	-		-	-
Last	9/6	9/17	-	-	-	7/15		8/2	9/6
<u>Numbers Collected</u>									
1st gen.	4	1	-	4	-	10	1	3	6
2nd gen	6	7	1	1	1	3	-	2	3

10197 Cucullia florea Gn., 1852

VF 6/24/74 1 m. 8/19/75 1 m. PP 6/20/75 1 m. 1977 first m 5/11 last m 6/17-total 2.

10198 Cucullia posters Gn., 1852

VF 1978 first m 7/10 last m 7/25-total 3. DD 1978 first m 7/5 last m 7/9-total 2.

10200 Cucullia asteroides Gn., 1852

VF 1974 first m 8/20 last m 8/28-total 6. 1976 first m 6/16 last m 9/12-total 7. 9/5/77 1 m. PP 1975 first m 5/27 last m 8/2-total 4. 1976 first m 6/23 last m 8/27-total 2. 1977 first m 7/13 last m 7/30-total 2. DD 8/28/78 1 m.

10202 Cucullia convexipennis G. & R. 1868

VF 7/6/75 1 m. 8/10/78 1 m. PP 1975 first m 6/14 last m 7/17-total 2. 1977 first m 7/7 last m 8/8-total 4. DD 1978 first m 6/15 last m 8/28-total 3.

10223 Discestra trifolii (Hufn., 1766)
clover cutworm

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/3	7/3	5/20	5/16		5/21	5/17	5/23	6/1
10	-	-	-	-		-	-	-	-
50	6/7	7/8	-	5/30		-	7/3	-	-
90	-	-	-	-		-	-	-	-
Last	7/6	7/21	7/16	6/15		7/12	7/14	5/28	-
<u>Second Generation</u>									
First	8/22	8/17	8/7	8/1		8/9	8/31	7/29	8/4
10	-	-	8/14	-		-	-	-	-
50	9/3	9/16	8/30	-		-	-	8/29	8/23
90	-	10/9	9/24	-		-	-	-	9/2
Last	10/7	10/24	9/28	9/9		8/16	9/15	9/10	9/4
<u>Numbers Collected</u>									
1st gen.	5	4	2	3		2	3	2	1
2nd gen	8	10	17	2		2	2	7	11

10265 Sideridis rosea (Harv., 1874)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/19		5/17		5/10		
10			5/25		-		5/12		
50			5/31		6/7		5/23		
90			6/7		6/17		6/9		
Last			6/14		6/20		6/14		
<u>Numbers collected</u>									
			106		24		34		

10266 Sideridis congermana (Morr., 1874)

PP 8/10/75 1m. 1976 first m 5/18 last m 6/18-total 11.

10275 Polia nimbosa (Gn., 1852)

VF 7/25/74 1 m. PP 7/7/77 1 m.

10276 Polia imbrifera (Gn., 1852)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/22	6/13	6/15	6/22	6/16	6/22	6/11	6/22	6/25
10	-	-	-	-	-	-	6/14	6/26	6/27
50	7/5	6/29	6/25	7/2	6/23	6/30	6/21	7/4	7/5
90	-	-	6/27	-	-	7/10	7/4	7/12	7/17
Last	7/18	7/4	6/29	7/8	7/3	7/13	7/16	7/17	7/31
<u>Numbers collected</u>									
	6	5	14	8	14	11	63	22	18

10280 Polia purpurissata (Grt., 1864)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			8/2	8/2	8/23		7/5		
10			8/6	-	-		-		
50			8/15	-	8/25		8/31		
90			8/25	-	9/1		9/4		
Last			8/31	-	9/8		9/7		
Numbers collected									
		30		1	16		12		

10288 Polia detracta (Wik., 1857)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/15		6/16		6/7		
10			-		-		-		
50			6/18		6/17		6/11		
90			7/14		-		-		
Last			7/29		6/24		6/24		
Numbers collected									
		34			6		3		

10289 Polia goodelli (Grt., 1875)

PP 6/18/75 1 m.

10291 Polia latex (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/2	6/8	5/26	5/17	6/23		6/16		6/11
10	-	-	-	-	-		-		-
50	6/20	-	6/15	-	-		-		6/12
90	-	-	6/19	-	-		-		-
Last	7/19	-	6/24	-	-		-		7/14
Numbers collected									
	9	1	17	1	2		1		6

10292 *Melanchra adjuncta* (Gn., 1852)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/3	5/25	5/31	6/7	5/15	5/18	5/5	5/28	5/20
10	-	-	-	-	-	-	5/6	-	5/29
50	6/12	6/2	6/2	6/10	6/18	5/22	5/23	6/4	6/5
90	-	-	6/16	-	-	-	5/31	-	6/18
Last	6/21	6/3	6/17	6/23	6/30	6/4	6/4	6/27	6/26
Second Generation									
First	8/14	8/1	8/2	8/3	8/6	7/13	7/21	8/8	7/22
10	-	-	8/5	-	-	-	-	-	7/28
50	-	8/3	8/8	-	8/8	8/11	8/12	8/15	8/11
90	-	-	8/22	-	-	-	-	-	8/28
Last	8/23	8/8	9/4	8/23	8/23	8/28	8/27	8/27	9/1
Numbers Collected									
1st gen.	7	3	10	5	9	8	21	6	49
2nd gen	2	5	15	4	5	5	8	5	16

**10293 *Melanchra picta* (Harr., 1841)
zebra caterpillar**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/4	5/31	5/18	5/28	5/31	5/19	5/5	5/23	5/25
10	-	-	-	5/31	-	-	5/11	-	5/28
50	6/10	-	5/23	6/9	6/11	6/12	5/24	6/11	6/2
90	6/16	-	-	6/20	-	6/14	6/15	6/18	6/18
Last	6/26	6/15	5/30	6/30	6/23	6/30	6/21	6/26	6/26
Second Generation									
First	8/11	8/8	8/14	8/6	8/25	8/12	8/12	8/14	8/4
10	-	-	-	-	-	-	-	-	8/5
50	8/23	8/17	8/17	8/19	9/3	8/13	9/10	8/23	8/18
90	-	-	-	-	-	-	9/19	-	8/26
Last	8/29	9/1	8/22	8/24	9/20	8/20	9/24	8/27	9/3
Numbers Collected									
1st gen.	11	2	3	18	9	11	19	10	78
2nd gen	5	12	7	10	6	4	10	8	16

10297 *Lacanobia atlantica* (Grt., 1874)

VF 1974 first m 6/19 last m 8/7-total 3. 8/1/75 1 m. 1976 first m 6/20 last m 9/15-total 4. 8/17/77 1 m. 1978 first m 5/7 last m 8/15-total 3. PP 5/31/76 1 m. 1977 first m 5/24 last m 8/5-total 3. DD 8/3/78 1 m.

10299 *Lacanobia subjuncta* (G. & R., 1868)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/1	6/6	5/13	5/17	4/20	5/18	5/6	6/8	5/30
10	-	-	-	-	-	-	-	-	-
50	6/13	-	6/3	6/23	6/10	-	5/24	-	6/7
90	6/20	-	-	-	-	-	-	-	-
Last	6/21	-	6/23	6/26	6/23	6/16	6/15	6/18	6/12
Second Generation									
First	7/9	8/5	7/4	8/3	7/10	7/22	7/8	8/27	7/7
10	-	-	-	-	-	-	-	-	-
50	8/22	8/9	8/11	8/18	8/26	-	8/8	8/31	8/22
90	-	-	-	9/14	9/5	-	-	-	9/2
Last	8/26	9/7	8/24	9/15	9/13	-	9/20	9/7	9/24
Numbers Collected									
1st gen.	14	1	8	9	24	3	4	3	5
2nd gen.	8	8	6	12	12	1	5	3	11

10300 *Lacanobia grandis* (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	6/12	6/9	5/25	6/20	6/5	7/7	5/24	
10	-	-	5/31	-	6/7	-	-	
50	6/20	-	6/8	-	6/16	-	7/11	
90	-	-	6/18	-	6/29	-	8/13	
Last	6/21	6/17	6/30	-	7/1	-	8/21	
Numbers collected								
	3	2	32	1	22	1	13	

10301 *Lacanobia lutra* (Gn., 1852)

VF 6/19/78 1m. PP 1975 first m 5/25 last m 6/20-total 13. 5/18/76 1 m. 1977 first m 5/20 last m 6/19-total 9.

**10304 *Lancanobia legitima* (Grt., 1864)
striped garden caterpillar**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/14	6/15	6/12	6/12	6/16	6/16	6/18	6/24	6/30
10	6/20	6/22	6/22	6/15	6/17	-	6/19	-	-
50	7/4	6/30	7/3	6/25	6/24	6/28	7/4	7/16	-
90	7/18	7/12	7/14	7/17	7/22	7/16	7/17	7/18	-
Last	7/24	7/19	7/18	7/19	7/23	7/18	7/20	7/24	-
<u>Second Generation</u>									
First	8/27	7/28	8/3	7/28	7/29		7/27		8/30
10	-	-	8/5	-	-		-		-
50	-	-	8/14	-	8/23		8/6		-
90	-	-	8/18	-	-		-		-
Last	-	-	8/23	-	8/30		8/21		-
<u>Numbers Collected</u>									
1st gen.	53	49	55	21	18	22	20	10	1
2nd gen	1	1	15	1	3	-	5	-	1

10307 *Lancanobia lilacina* (Harv., 1874)

VF 9/27/75 1 m. 6/20/76 1 m.

10368 *Lacinipolia meditata* (Grt., 1873)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			8/15	8/22	8/21		8/18		
10			8/17	-	-		-		
50			8/27	-	8/29		-		
90			9/2	-	8/31		-		
Last			9/9	-	9/3		9/2		
<u>Numbers collected</u>									
			30	1	13		2		

**10397 *Lacinipolia renigera* (Steph., 1829)
bristly cutworm**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/10	6/15	6/1	6/14	6/7	6/1	6/2	6/16	6/10
10	6/17	7/6	6/17	6/25	6/15	6/24	6/17	7/6	6/24
50	7/8	7/20	7/11	7/29	6/22	7/15	7/21	7/25	7/26
90	8/2	8/9	9/12	8/23	8/2	8/22	9/11	8/17	8/28
Last	10/8	11/8	11/9	9/17	9/20	9/24	9/27	10/28	9/28
<u>Numbers collected</u>									
	76	138	198	94	91	104	150	185	124

10405 *Lacinipolia lorea* (Gn., 1852)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/25	6/16	6/6	6/19	6/14	6/16	6/13	6/13	6/1
10	-	-	-	-	-	-	-	-	-
50	-	-	6/16	-	6/23	6/25	6/17	-	6/16
90	-	-	6/26	-	6/25	-	7/4	-	7/7
Last	-	6/22	7/2	6/20	6/28	6/28	7/5	7/9	7/14
Numbers collected									
	1	2	14	2	13	5	13	3	12

10406 *Lacinipolia olivacea* (Morr., 1874)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/4	7/13	7/4	8/5	7/8	7/22	6/14	7/29	7/31
10	-	7/23	8/14	-	8/4	7/24	7/24	-	-
50	8/20	8/10	8/25	8/9	8/31	8/6	8/9	8/3	8/21
90	-	8/26	9/2	9/3	9/9	8/21	8/30	-	-
Last	9/12	8/31	9/12	9/5	9/12	8/29	9/8	8/23	8/23
Numbers collected									
	5	18	102	10	27	36	46	9	6

**10431 *Faronta diffusa* (Wlk., 1856)
wheat head armyworm**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/25	6/23	5/16	5/17	5/15	5/18	5/12	5/30	
10	-	-	5/21	-	-	-	-	-	
50	6/5	-	6/18	-	5/17	5/20	5/22	6/5	
90	-	-	-	-	-	-	6/25	-	
Last	7/1	6/30	6/23	5/31	6/4	6/17	6/30	7/6	
Second Generation									
First	7/27	7/23	7/30	8/2	7/17	7/19	8/5	7/22	7/28
10	8/1	7/25	-	8/5	-	7/24	-	7/27	-
50	8/9	8/1	8/14	8/20	8/7	8/4	8/13	8/8	8/3
90	8/22	8/5	-	8/26	-	8/11	-	8/16	8/26
Last	8/23	8/18	8/15	8/28	8/28	8/13	8/16	8/23	8/27
Numbers Collected									
1st gen.	7	2	21	2	6	6	16	7	-
2nd gen	17	51	9	22	7	26	8	45	11

10436 Aletia oxygala (Grt., 1881)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/5	5/19	5/5	5/20	5/31	5/25	5/25	6/2	5/14
10	6/7	6/10	6/1	6/10	6/10	6/15	5/31	6/10	6/8
50	6/11	6/17	6/12	6/20	6/20	6/20	6/15	6/18	6/16
90	6/15	6/29	6/20	6/30	6/25	6/25	7/10	6/30	7/2
Last	7/15	7/20	7/18	7/20	7/15	7/20	7/20	7/18	7/16
Second Generation									
First	7/22	7/24	7/23	7/25	7/25	7/25	7/31	8/8	7/28
10	7/27	8/7	8/15	8/10	8/25	8/25	8/10	8/15	8/24
50	8/27	8/20	8/19	8/20	8/31	9/5	8/25	8/27	9/2
90	9/10	9/6	9/3	8/10	9/20	9/15	9/10	9/18	9/11
Last	10/10	9/26	10/7	9/30	10/10	9/25	9/25	9/24	10/6
Numbers Collected									
1st gen.	114	119	313	109	136	308	140	378	755
2nd gen.	38	313	436	312	40	108	123	300	447

**10438 Pseudaletia unipuncta (Haw., 1809)
armyworm**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD*
First	4/20	4/25	5/5	4/20	4/20	4/20	4/15	5/15	4/12
10	5/20	5/31	5/31	5/15	5/10	5/20	5/20	5/20	
50	5/31	6/20	6/20	5/25	6/5	6/20	5/30	6/20	
90	6/25	6/30	6/30	6/20	6/30	6/30	6/25	-	
Last	7/10	7/10	7/10	7/10	7/10	7/5	7/5	6/30	
Second Generation									
First	7/15	7/15	7/15	7/15	7/15	7/10	7/10	7/5	
10	7/20	7/25	8/5	-	7/25	-	-	-	
50	7/31	8/5	8/10	7/25	7/31	7/20	7/20	8/10	
90	8/15	8/15	8/20	8/10	-	8/10	8/10	-	
Last	8/25	8/25	8/25	8/25	8/5	8/20	8/20	8/20	
Third Generation									
First	8/31	8/31	8/31	8/31		8/25	8/31	8/25	
10	-	-	9/5	9/20		-	-	-	
50	10/31	10/20	10/20	10/5		9/15	9/30	8/31	
90	11/20	11/10	11/10	10/25		-	11/5	9/30	
Last	11/25	11/15	11/15	11/5		11/10	11/10	11/15	11/24
Numbers Collected									
1st gen.	842	893	1419	1244	320	267	131	34	
2nd gen.	445	1541	1264	3304	705	354	108	97	
3rd gen.	81	357	554	122	-	90	35	141	120

* Specific dates not available.

10444 Leucania phragmatidicola Gn., 1852

PP 1975 first m 8/5 last m 8/30-total 7.

10446 Leucania multilinea Wlk., 1856

VF 5/19/77 1m. 1978 first m 7/10 last m 7/22-total 3. PP 1975 first m 6/26 last m 7/25-total 11. DD 7/10/78 1 m.

10446.1 Leucania lapidaria (Grt., 1876)

VF 1974 first m 8/2 last m 8/6-total 16. 1976 first m 8/17 last m 9/12-total 3. 7/19/77 1 m. 6/1/78 1 m. PP 1975 first m 5/26 last m 10/7-total 4. 6/4/76 3 m. DD 5/30/78 2 m.

10447 Leucania commoides Gn., 1852

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First				5/29	5/26	5/22	5/21	6/3	6/4
10				-	-	-	-	-	-
50				-	5/30	-	-	6/4	-
90				-	-	-	-	-	-
Last				6/1	6/9	-	-	6/6	-
<u>Second Generation</u>									
First	7/19	7/3	7/3	7/11	7/7	7/10	7/11	7/18	7/6
10	-	7/13	7/11	-	7/11	-	7/15	7/23	7/23
50	7/27	7/20	7/18	7/20	7/29	7/21	7/21	7/27	7/27
90	8/9	8/1	8/5	8/6	8/2	-	8/8	8/7	8/6
Last	8/22	8/5	8/6	8/12	8/13	8/20	8/9	8/9	8/13
<u>Numbers Collected</u>									
1st gen.	-	-	-	2	6	4	1	6	1
2nd gen	13	55	57	34	43	10	36	47	89

10449 Leucania insueta Gn., 1852

VF 7/3/76 1 m. PP 1975 first m 6/26 last m 7/16-total 2. 7/16/76 1 m.

10459 Leucania inermis (Fbs., 1936)

PP 5/16/76 1 m.

10461 Leucania ursula (Fbs., 1936)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		5/30	5/26		6/1		5/17	5/30	5/28
10		-	-		-		-	-	-
50		-	-		6/4		-	6/6	6/4
90		-	-		-		-	-	-
Last		-	6/1		6/30		6/4	6/30	6/16
<u>Second Generation</u>									
First	8/12	7/13	7/12	8/8	7/17	8/9	7/8	8/10	8/2
10	-	-	8/2	-	8/21	-	7/22	-	8/8
50	8/23	8/15	8/16	8/22	8/24	8/12	8/8	8/23	8/23
90	9/11	-	8/25	8/28	9/7	-	8/27	9/10	9/1
Last	9/14	8/25	9/6	9/8	9/13	8/15	8/29	9/27	9/7
<u>Numbers Collected</u>									
1st gen.	-	1	6	-	3	-	2	6	23
2nd gen	14	5	42	11	28	7	22	10	48

10462 *Leucania pseudargyria* Gn., 1852

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/14	7/5	6/29	7/15	7/12	7/8	6/27	7/17	6/19
10	-	-	-	-	-	-	7/4	-	7/15
50	-	-	7/7	-	-	-	7/9	8/11	7/22
90	-	-	7/12	-	-	-	7/18	8/19	8/1
Last	-	7/8	7/14	-	7/16	-	8/2	8/22	8/2
<u>Numbers collected</u>									
	1	4	11	1	3	2	15	10	17

10487 *Orthosia rubescens* (Wlk., 1865)

PP 1975 first m 5/1 last m 5/14-total 6. 1976 first m 5/15 last m 5/22-total 18. 4/21 /77 1 m.

10490 *Orthosia revicta* (Morr., 1876)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		4/24	4/24	5/20	4/15	4/12	3/30		5/12
10		-	4/30	-	4/17	-	4/12		-
50		-	5/8	-	4/21	-	4/19		-
90		-	5/15	-	5/1	-	5/5		-
Last		5/13	5/25	-	5/16	-	5/18		5/17
<u>Numbers collected</u>									
		2	114	1	203	1	145		2

10491 *Orthosia alurina* (Sm., 1902)

VF 5/11/78 1 m. PP 1975 first m 4/25 last m 5/6-total 5. 1976 first m 4/16 last m 5/15-total 2. 1977 first m 4/2 last m 4/19-total 3.

10495 *Orthosia hibisci* (Gn., 1852)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/12	4/18	4/19	4/13	4/13	3/27	3/29	4/12	4/18
10	4/22	5/1	4/29	4/16	4/16	4/12	4/11	4/29	4/26
50	4/27	5/4	5/4	4/19	4/18	4/19	4/20	5/14	5/11
90	4/30	5/14	5/14	4/22	4/21	4/21	4/21	5/18	5/18
Last	5/23	5/23	5/25	5/19	5/17	5/5	5/17	5/22	5/24
<u>Numbers collected</u>									
	121	179	415	211	814	435	749	166	287

10501 *Crocigrapha normani* (Grt., 1874)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/28	5/1	5/2	4/19	4/19	5/5	4/12	6/19	4/29
10	-	-	5/14	-	-	-	4/21	-	5/9
50	4/30	5/3	5/18	-	5/16	5/17	5/17	6/27	5/17
90	-	5/12	5/30	-	5/28	-	5/28	-	6/1
Last	5/15	5/22	6/18	6/1	6/8	5/22	6/4	6/29	6/2
Numbers collected									
	7	12	41	5	13	9	37	5	24

10502 *Himella intractata* (Morr., 1874)

DD 5/17/78 1 m.

10513 *Egira dolosa* (Grt., 1880)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First			4/29		4/16		3/30	
10			5/3		-		4/11	
50			5/5		4/18		4/18	
90			5/15		4/19		4/22	
Last			5/18		5/18		5/23	
Numbers collected								
			35		84		35	

10518 *Achatia distincta* Hbn., 1813

PP 1975 first m 5/4 last m 5/16-total 4. 1976 first m 4/16 last m 5/16-total 9. 1977 first m 4/19 last m 5/7-total 3. DD 5/13/78 1 m.

10520 *Morrisonia evicta* (Grt., 1873)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First	5/15		4/30	6/20	4/15	4/21	4/12	
10	-		5/1	-	4/17	-	4/13	
50	-		5/12	-	4/19	-	4/21	
90	-		5/21	-	5/5	-	5/18	
Last	-		5/25	-	6/1	-	5/31	
Numbers collected								
	1		120	1	162	1	112	

10521 Morrisonia confusa (Hbn., 1827-31)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		5/24	4/30		4/18	5/12	5/16		5/12
10		-	5/12		-	-	-		-
50		-	5/18		4/19	-	5/19		5/23
90		-	5/25		5/19	-	-		6/4
Last		-	5/31		5/25	-	5/21		6/30
Numbers collected									
		1	19		12	1	3		18

**10524 Nephelodes minians Gn., 1852
bronzed cutworm**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/27	8/24	8/24	8/31	9/1	8/31	8/27	8/28	9/1
10	9/8	9/2	8/30	9/4	9/5	9/2	9/3	9/2	9/5
50	9/13	9/11	9/8	9/11	9/13	9/8	9/10	9/10	9/11
90	9/21	9/19	9/18	9/17	9/17	9/17	9/18	9/20	9/21
Last	10/6	9/28	9/25	9/30	9/22	10/2	9/26	9/27	9/27
Numbers collected									
	81	127	211	115	99	107	207	243	137

10532 Homorthodes furfurata (Grt., 1875)
VF 7/25/74 1 m.

10540 Homorthodes carneola McD., 1943

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/30	5/22	5/30	6/3	6/2	5/17	5/17	5/28	5/28
10	6/6	-	-	6/4	6/11	5/27	-	6/1	5/30
50	6/16	5/24	6/1	6/24	6/23	6/13	5/31	6/18	6/11
90	7/4	-	-	7/7	-	6/26	6/24	7/4	7/10
Last	7/12	6/1	6/13	7/9	7/11	7/5	6/27	7/5	7/15
Second Generation									
First	7/18	8/1	7/14	7/16	8/5	7/18	8/3	7/19	7/24
10	7/22	-	-	7/20	-	7/28	-	7/31	8/3
50	8/4	-	-	8/8	8/7	8/11	8/11	8/9	8/22
90	9/12	-	-	8/28	-	8/30	9/2	-	8/29
Last	9/18	8/6	8/2	9/9	8/4	9/13	9/4	8/24	9/2
Numbers Collected									
1st gen.	57	6	5	61	34	58	42	39	141
2nd gen.	23	4	2	41	6	51	15	30	20

10563 *Protorthodes oviduca* (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/16		4/20	6/18	5/4		
10			5/20		5/15	-	5/6		
50			5/31		5/22	-	5/13		
90			6/8		6/15	-	6/11		
Last			6/29		7/6	-	6/19		
Numbers collected									
		148		49	1	74			

10578 *Pseudorthodes vecors* (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/23	5/22	5/22	6/18	5/5	5/27	5/17	5/31	5/24
10	-	-	5/25	-	5/15	-	5/19	-	-
50	6/6	5/31	5/31	-	5/31	-	5/27	6/12	6/6
90	-	-	6/7	-	6/15	-	6/24	-	6/17
Last	6/9	6/18	6/18	-	7/2	6/25	6/25	6/29	6/25
Second Generation									
First	7/28		8/14	7/20	7/14	7/5		8/9	
10	-		-	-	-	-		-	
50	-		-	-	8/1	-		8/16	
90	-		-	-	-	-		-	
Last	-		-	9/5	8/7	9/18		9/17	
Numbers Collected									
1st gen.	4	8	57	1	28	4	27	8	14
2nd gen	1	-	1	2	4	4	-	3	-

10585 *Orthodes crenulata* (Butler, 1890)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/29	5/30	5/23	6/10	5/30	5/23	5/20	5/28	5/30
10	6/1	5/31	-	6/11	-	5/24	5/21	6/7	6/1
50	6/17	6/9	5/31	6/18	6/16	6/4	6/4	6/15	6/7
90	6/30	6/19	6/15	7/5	6/17	6/30	7/4	6/26	6/23
Last	7/10	6/25	6/16	7/11	6/25	7/7	7/8	7/17	7/8
Second Generation									
First	7/22	7/3	6/29	8/1	8/9	8/7	8/10	7/29	8/12
10	-	8/7	7/1	8/8	-	8/8	-	8/12	8/22
50	9/2	8/17	7/15	8/28	8/27	8/21	8/21	8/27	8/24
90	-	8/23	8/24	9/14	9/5	9/1	-	9/2	9/21
Last	9/13	8/25	9/26	9/16	9/9	9/12	9/2	9/5	9/24
Numbers Collected									
1st gen.	74	26	23	22	10	25	16	202	47
2nd gen	13	28	53	26	12	33	10	93	20

10587 Orthodes cynica Gn., 1852

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	6/7	5/27	5/21	5/31	5/2	5/24	5/12	5/30	5/28
10	-	5/28	6/1	6/15	6/1	-	5/23	6/1	6/1
50	-	6/14	6/14	6/23	6/16	6/1	6/11	6/19	6/12
90	-	6/23	6/23	7/9	6/25	-	6/25	7/5	7/4
Last	7/4	6/29	7/14	7/11	7/16	6/14	7/11	7/13	7/16
<u>Second Generation</u>									
First								8/16	8/12
10								-	-
50								8/27	-
90								9/8	-
Last								9/10	9/4
<u>Numbers Collected</u>									
1st gen.	8	34	580	17	70	5	94	37	78
2nd gen	-	-	-	-	-	-	-	14	3

10627 Tricholita signata (Wlk., 1860)

VF 8/14/74 1 m. 1975 first m 8/6 last m 8/24-total 6. 8/23/76 1 m. 1977 first m 8/8 last m 8/28-total 3. 1978 first m 8/13 last m 8/17-total 2. PP 1975 first m 8/5 last m 8/17-total 6. 1977 first m 7/8 last m 8/12-total 2. DD 1978 first m 6/12 last m 8/11-total 2.

10641 Agrotis vetusta Wlk., 1865

PP 1975 first m 9/2 last m 10/2-total 7.

10648 Agrotis gladiarea Morr., 1874
claybacked cutworm

VF 1975 first m 9/9 last m 9/16-total 2. 9/10/77 1 m. PP 9/9/75 1 m. 9/17/77 1 m.

10651 Agrotis venerabilis Wlk., 1857

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	9/12	9/16	9/3	9/15	9/5	9/15	9/8	8/22	9/15
10	-	-	9/12	-	-	-	9/11	9/15	9/16
50	9/18	9/17	9/18	9/16	9/17	9/18	9/18	9/19	9/18
90	-	-	9/25	-	9/27	-	9/25	-	9/24
Last	10/4	9/23	9/28	9/21	10/1	9/26	9/27	9/24	9/25
<u>Numbers collected</u>									
	3	8	108	5	54	7	82	23	15

10659 Agrotis volubilis Harv., 1874

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			5/20		4/22		5/6		6/1
10			5/23		5/5		5/16		-
50			5/28		5/31		5/22		-
90			6/2		6/11		5/24		-
Last			6/10		6/19		5/27		-
Numbers collected									
		72		27		25		1	

**10663 Agrotis ipsilon (Hufn., 1766)
black cutworm**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	4/22	4/28	4/28	4/23	5/2	4/12	4/23	5/13	
10	5/27	5/27	5/16	5/1	5/15	4/27	5/17	-	
50	5/30	6/16	6/6	5/27	6/18	6/6	6/9	5/14	
90	6/21	6/28	-	6/27	6/28	6/24	-	-	
Last	6/28	6/30	6/29	7/1	6/30	6/26	6/25	5/16	
Second Generation									
First	7/1	7/1	7/3	7/7	7/2	6/28	7/5	7/7	
10	7/4	7/4	7/7	7/8	7/8	6/30	7/8	-	
50	7/23	7/13	7/15	7/23	7/16	7/8	7/15	7/15	
90	7/27	7/28	7/27	7/30	8/1	7/19	7/28	-	
Last	7/30	7/31	7/30	8/2	8/2	7/31	7/31	7/22	
Third Generation									
First	8/4	8/2	8/3	8/7	8/29	8/5	8/3	8/2	
10	-	8/3	-	-	-	-	-	-	
50	-	8/6	8/7	8/10	-	8/9	8/5	-	
90	-	8/15	8/18	-	-	-	-	-	
Last	8/9	8/18	8/27	9/4	9/1	8/16	8/27	8/24	
Fourth Generation									
First	9/9	9/6	9/1	9/16	9/13	9/1	11/4	8/29	
10	-	-	9/6	-	-	-	-	8/31	
50	10/31	10/1	10/23	10/1	10/2	10/21	-	9/2	
90	11/20	11/1	10/30	-	10/16	10/24	-	10/15	
Last	11/21	11/5	11/9	10/20	10/21	11/4	-	11/14	
Numbers Collected									
1st gen.	96	40	94	43	31	40	26	4	
2ndgen.	58	100	70	39	43	66	33	16	
3rd gen.	2	45	56	7	2	9	8	4	
4th gen.	11	10	81	5	13	12	1	28	

**10670 *Feltia jaculifera* (Gn., 1852)
dingy cutworm**

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/13	8/13	8/14	8/20	8/6	8/1	8/3	8/8	8/7
10	8/20	8/17	8/17	8/23	8/23	8/5	8/31	8/13	8/23
50	8/27	8/29	9/1	9/1	9/1	8/30	9/8	8/23	8/30
90	9/11	9/19	9/11	9/18	9/15	9/15	9/17	-	9/11
Last	9/12	9/20	9/14	9/26	9/18	9/23	9/21	9/5	9/30
Numbers collected									
	18	31	60	31	42	21	65	15	91

**10674 *Feltia subgothica* (Haw., 1809)
10675 *Feltia tricola* (Lint., 1874)**

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/3	7/31	7/4	7/26	7/8	8/5	7/8		
10	8/9	-	-	8/11	8/18	8/6	8/4		
50	8/23	8/4	8/7	8/28	8/27	8/11	8/13		
90	9/3	8/8	8/16	9/9	9/2	8/30	9/6		
Last	9/9	8/9	8/22	9/15	9/16	9/2	9/12		
Numbers collected									
	43	17	51	51	85	59	81		

10676 *Feltia herilis* (Grt., 1873)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	7/15	7/16	7/30	7/21	7/21	8/4	7/23	7/19	7/8
10	7/26	7/25	-	8/8	7/30	8/7	8/3	8/7	7/23
50	8/19	8/3	8/6	8/27	8/26	8/19	8/21	8/13	8/7
90	9/8	8/5	-	9/3	9/5	-	9/15	8/27	8/27
Last	9/13	8/10	8/12	9/16	9/15	9/2	9/18	9/4	9/2
Numbers collected									
	22	19	8	40	39	19	28	61	44

10680 *Feltia geniculata* G. & R., 1868

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			8/14		8/20		8/16		
10			8/18		-		-		
50			9/1		8/27		9/14		
90			9/7		9/7		-		
Last			9/12		9/8		9/20		
Numbers collected									
			37		14		7		

10705 Euxoa messoria (Harr., 1841)**dark-sided cutworm**

VF 9/9/76 1 m. 1977 first m 8/21 last m 9/2-total 4. PP 1975 first m 7/18 last m 9/11-total 6. 7/28/76 1 m. 1977 first m 9/17 last m 9/24-total 3.

10755 Euxoa declarata (Wlk., 1865)

PP 9/26/76 1 m. 1977 first m 9/6 last m 9/20-total 20.

10803 Euxoa velleripennis (Grt., 1874)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			8/27		8/7	8/28	9/6	8/21	
10			8/31		-	-	-	-	
50			9/5		9/9	8/31	9/8	8/27	
90			9/12		9/14	-	-	-	
Last			9/19		9/21	9/2	9/19	9/18	
Numbers collected									
			29		11	3	6	4	

10805 Euxoa tessellata (Harr., 1841)**striped cutworm**

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/28		7/8	6/29	6/17		7/9
10			7/1		-	-	-		-
50			7/10		7/22	-	7/6		7/24
90			7/18		-	-	7/19		-
Last			7/25		7/24	7/6	7/21		7/26
Numbers collected									
			32		7	2	24		3

10807 Euxoa albipennis (Grt., 1876)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		9/15	8/23	9/16	9/2		9/6	7/16	8/5
10		-	9/7	-	9/3		-	-	-
50		-	9/21	-	9/18		9/12	-	-
90		-	10/2	-	10/1		-	-	-
Last		-	10/7	-	10/10		9/15	7/19	-
Numbers collected									
		1	69	1	31		14	2	1

10812 Euxoa bostoniensis (Grt., 1874)

PP 1976 first m 10/2 last m 10/12-total 2.

10838 Euxoa detera (Wik., 1856)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			9/2		8/29		8/31		
10			9/3		-		9/4		
50			9/20		9/6		9/9		
90			9/29		9/8		9/17		
Last			9/30		9/9		9/20		
Numbers collected									
		15			10		34		

10891 Ochropleura plecta (L., 1761)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/29	5/23	5/21	5/21	5/15	5/17	5/6	5/22	5/22
10	6/6	5/26	5/28	5/30	-	5/20	5/21	6/1	5/27
50	6/16	6/2	6/3	6/7	6/16	5/27	5/31	6/12	6/8
90	6/29	6/22	6/16	6/23	6/23	6/18	6/16	6/21	6/23
Last	7/8	6/24	7/1	7/2	6/27	6/22	7/8	6/25	6/25
Second Generation									
First	7/13	7/16	7/17	7/18	8/9	7/16	7/17	7/26	7/24
10	-	7/25	8/4	7/31	-	7/27	7/24	7/31	7/29
50	7/22	8/3	8/12	8/8	8/19	8/7	8/6	8/10	8/11
90	8/7	8/19	8/31	8/17	-	8/19	9/5	8/28	9/1
Last	8/12	8/31	9/8	8/22	9/5	9/3	9/6	9/2	9/5
Numbers Collected									
1st gen.	99	18	115	20	49	39	74	71	43
2nd gen	10	47	102	25	7	36	21	43	26

10903 Euagrotis illapsa (Wik., 1857)

PP 1975 first m 6/9 last m 9/4-total 4. 1976 first m 6/12 last m 8/26-total 6. 1977 first m 5/31 last m 6/5-total 2.

10915 <i>Peridroma saucia</i> (Hbn., 1803-08) variegated cutworm									
Year and Date Catch Attained									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/31	6/16	6/2	5/26		6/6	6/14		6/24
10	-	-	-	-		6/8	-		-
50	6/14	6/23	6/23	-		7/7	6/18		-
90	-	-	-	-		7/15	-		-
Last	7/3	7/7	7/3	-		7/18	7/11		6/29
Second Generation									
First	7/17	7/12	7/9	7/20	7/27	7/30	8/28	8/13	8/14
10	7/19	7/22	8/10	-	-	8/11	9/15	-	-
50	9/29	8/26	9/12	8/8	7/28	9/6	9/19	9/1	9/30
90	11/19	10/29	10/29	10/15	-	10/5	10/16	-	-
Last	11/20	11/12	11/13	10/20	10/2	11/15	11/4	9/20	11/8
Numbers Collected									
1st gen.	4	8	8	1	-	34	4	-	2
2nd gen.	23	140	80	21	6	97	16	5	3

10919 *Diarsia jucunda* (Wlk., 1857)

w-marked cutworm

VF 7/15/75 1 m. 7/12/77 1 m. PP 1975 first m 6/29 last m 8/30-total 2.

10926 *Spaelotis clandestina* (Harr., 1862) w-marked cutworm

VF 1974 first m 7/4 last m 10/7-total 5. 1975 first m 8/30 last m 9/30-total 3. 1976 first m 6/22 last m 9/9-total 2. 9/18/77 1 m. 9/12/78 1 m. PP 1975 first m 6/18 last m 6/25-total 2.

10928 *Graphiphora haruspica* (Grt., 1875)

VF 8/1/74 1 m. 7/11/75 1 m. 7/29/78 1 m. PP 1975 first m 7/4 last m 7/15-total 3. 1977 first 7/5 last m 8/13-total 9.

10929 *Eurois occulata* (L., 1758)

VF 7/25/77 1 m. PP 1976 first m 7/31 last m 8/23-total 2. 1977 first m 6/25 last m 9/22-total 4.

10942 Xestia adela Franc., 1980
10942.1 Xestia dolosa Franc., 1980
spotted cutworm

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	5/29	5/31	5/30	5/16	5/18	5/22	5/21	6/1	6/5
10	6/12	6/13	6/6	6/14	6/12	6/11	6/8	6/16	6/8
50	6/20	6/20	6/16	6/21	6/22	6/18	6/18	6/26	6/21
90	7/3	6/30	6/29	6/30	6/26	6/28	7/3	7/8	7/10
Last	7/24	7/22	7/16	7/18	7/14	7/11	7/15	7/21	7/25
<u>Second Generation</u>									
First	7/27	8/3	8/2	8/8	8/19	8/4	8/3	8/10	8/7
10	7/30	8/15	8/14	8/23	8/24	8/19	8/30	8/24	8/26
50	9/10	8/30	8/27	9/7	9/15	8/31	9/18	9/4	9/3
90	9/28	9/19	9/12	9/26	10/1	9/18	9/24	9/19	9/19
Last	11/1	11/10	11/4	10/24	10/17	10/11	11/3	10/25	10/27
<u>Numbers Collected</u>									
1st gen.	952	330	463	406	288	759	464	708	647
2nd gen	276	972	1110	462	101	424	293	778	1060

10944 Xestia smithii (Snell., 1986)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	9/8	8/15	8/15	8/11	7/18	8/12	8/16	8/5	8/6
10	-	8/17	8/25	8/12	9/1	8/21	9/2	8/8	8/8
50	9/11	8/30	9/1	9/8	9/13	8/28	9/10	8/28	8/22
90	-	9/12	9/6	9/19	9/21	9/13	9/16	9/8	9/1
Last	9/13	9/20	9/26	9/21	10/15	9/15	9/19	9/10	9/3
<u>Numbers collected</u>									
	5	29	139	23	59	41	93	15	27

10950 Xestia bicarnea (Gn., 1852)

<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First		6/12	7/3		7/29	8/7	7/30		7/24
10		-	8/9		-	-	-		-
50		-	8/22		8/26	8/21	8/7		8/5
90		-	9/1		-	-	9/6		8/28
Last		-	9/22		9/4	8/28	9/8		8/31
<u>Numbers collected</u>									
		1	62		4	3	12		10

10954 Xestia collaris (G. & R., 1868)

PP 9/15/77 1 m.

10955 Xestia badinodis (Grt., 1874)

VF 9/6/77 1 m. PP 1975 first m 9/12 last m 9/26-total 9. 1976 first m 9/14 last m 9/30-total 6. 1977 first m 9/10 last m 9/16-total 8.

10994 Carastis tenebrifera (Wik., 1865)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First			4/24	4/20	4/15	4/21	4/21	5/12 4/26
10			4/29	-	4/16	-	-	- -
50			5/12	-	4/17	-	-	- -
90			5/21	-	4/20	-	-	- -
Last			5/23	-	5/15	-	-	- 5/11
Numbers collected								
			33	1	20	1	5	1 2

10996 Metalepsis salicarum (Wik., 1857)

% Catch	<u>Year and Date Catch Attained</u>							
	1974	1975		1976		1977		1978
	VF	VF	PP	VF	PP	VF	PP	VF DD
First			4/24		4/8	4/12	3/29	4/25
10			4/29		-	-	-	-
50			5/3		4/17	-	4/14	-
90			5/12		-	-	-	-
Last			5/19		4/19	-	4/21	-
Numbers collected								
			27		24	3	14	1

10997 Metalepsis fishii (Grt., 1878)

DD 5/13/78 1 m.

11000 Anaplectoides prasina (D. & S., 1775)

VF 1974 first m 7/24 last m 7/30-total 5. 7/7/75 1 m. 1976 first m 6/23 last m 8/6-total 3. PP 1975 first m 6/23 last m 6/29-total 2. 1976 first m 6/25 last m 7/22-total 2. DD 7/8/78 1 m.

11001 Anaplectoides pressus (Grt., 1874)

VF 7/24/77 1 m. PP 1977 first m 7/5 last m 7/31 -total 3.

11006 Protolampra brunneicollis (Grt., 1865)

VF 8/28/75 1 m.

11007 Eueretagrotis sigmoides (Gn., 1852)

PP 6/29/75 2 m. 1976 first m 7/12 last m 7/24-total 2.

11010 Heptagrotis phyllophora (Grt., 1974)									
<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First			6/15		6/23		6/9		
10			6/16		-		-		
50			6/27		6/29		6/14		
90			-		7/19		-		
Last			7/13		7/25		7/12		
<u>Numbers collected</u>									
			22		12		6		

11029 Abagrotis alternata (Git., 1864)

VF 9/13/74 1 m. PP 1975 first m 7/14 last m 11/4-total 11. 1976 first m 5/15 last m 11/2-total 6. 1977 first m 7/6 last m 9/20-total 5.

11063 Pyrrhia umbra (Hufn., 1766)

VF 8/8/77 1 m. PP 1975 first m 5/30 last m 8/18-total 4.

*11068 Heliothis zea (Boddie, 1850) corn earworm									
<u>Year and Date Catch Attained</u>									
% Catch	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	9/20	8/26	8/31	10/2		8/27	9/17	8/28	
10	-	9/6	-	-		9/1	-	9/18	
50	10/7	10/24	10/29	-		9/18	9/18	9/21	
90	-	11/7	-	-		9/30	-	10/3	
Last	10/11	11/9	11/8	10/16		11/6	11/3	10/22	
<u>Numbers collected</u>									
	6	67	6	2		19	5	69	

*Data from the Robbins farm located 1/2 mile from the vegetable farm in 1971 show 881 moths collected between 9/3 and 10/6.

**11071 Heliothis virescens (F., 1777)
tobacco budworm**

VF 8/27/74 1 m. 8/19/75 1 m. 8/28/76 1 m. 9/18/78 3 m. PP 1975 first m 7/7 last m 9/1 -total 7. 1976 first m 7/7 last m 7/18-total 2.

11072 Heliothis phloxiphagus G. & R., 1867

VF 1974 first m 6/5 last m 8/12-total 2. 8/1/75 1 m. 8/7/78 1 m. PP 5/24/77 1 m. DD 8/5/78 1 m.

11117 Schinia lynx (Gn., 1852)

VF 1974 first m 6/31 last m 7/10-total 2. 6/28/75 1 m. 1976 first m 6/20 last m 6/27-total 2. PP 1975 first m 6/18 last m 8/14-total 2. 9/7/76 1 m. 1977 first m 7/17 last m 7/21-total 6. DD 6/21/78 1 m.

11128 Schinia arcigera (Gn., 1852)

VF 1974 first m 7/1 last m 9/8-total 7. 1975 first m 7/31 last m 8/17-total 7. 8/13/77 1 m. PP 1975 first m 8/14 last m 8/26-total 3. 1977 first m 7/29 last m 9/12-total 2. DD 1978 first m 8/30 last m 10/15-total 2.

11135 Schinia rivulosa (Gn., 1852)

VF 1974 first m 8/9 last m 8/22-total 3. 1975 first m 7/9 last m 8/4-total 5. 1976 first m 8/8 last m 8/13-total 3. 8/8/77 1 m. 1978 first m 6/21 last m 8/3-total 5. PP 7/8/75 1 m. 7/19/77 1 m. DD 1978 first m 8/6 last m 8/22-total 3.

11164 Schinia florida (Gn., 1852)

% Catch	<u>Year and Date Catch Attained</u>								
	1974	1975		1976		1977		1978	
	VF	VF	PP	VF	PP	VF	PP	VF	DD
First	8/4	7/16	7/4	7/11	7/17	7/11	7/12	7/13	7/1
10	-	7/17	-	-	-	-	-	-	-
50	-	7/27	7/18	7/30	8/7	7/20	7/30	7/21	7/27
90	-	9/5	-	-	-	-	-	-	8/7
Last	8/13	9/8	8/8	8/26	8/31	9/4	8/2	8/7	8/19
Numbers collected									
	5	18	9	6	5	7	5	4	11

INDEX TO SPECIES

APATELODIDAE

7665	angelica	7665	Oiceclostera angelica
7663	Apatelodes torrefacta	7663	torrefacta

ARCTIIDAE

8131	acrea	8203	Halysidota tessellaris
8199	Apantesis arge	8112	Haploa confusa
8188	Apantesis figurata	8123	Holomelina ferruginosa
8171	Apantesis nais	8114	Holomelina laeta
8169	Apantesis phalerata	8140	Hyphantria cunea
8194	Apantesis phyllira	8090	Hypoprepia fucosa
8197	Apantesis virgo	8129	isabella
8175	Apantesis virguncula	8114	laeta
8199	arge	8133	latipennis
8211	caryae	8211	Lophocampa caryae
8267	Ciseps fulvicollis	8171	nais
8112	confusa	8231	oregonensis
8134	congrua	8169	phalerata
8262	Ctenucha virginica	8156	Phragmatobia fuliginosa
8140	cunea	8194	phyllira
8231	Cynia oregonensis	8129	Pyrrhactia isabella
8230	Cynia tenera	8134	Spilosoma congrua
8238	egle	8133	Spilosoma latipennis
8131	Estigmene acrea	8137	Spilosoma virginica
8238	Euchaetes egle	8230	tenera
8123	ferruginosa	8203	tessellaris
8188	figurata	8262	virginica, Ctenucha
8090	fucosa	8137	virginica, Spilosoma
8156	fuliginosa	8197	virgo
8267	fulvicollis	8175	virguncula

DREPANIDAE

6251	arcuata	6253	herminata
6251	Drepana arcuata	6255	Oreta rosea
6253	Eudeilinia herminata	6255	rosea

GEOMETRIDAE

7648	abortivaria	7330	Anticlea multiferata
6326	aemulataria	6693	Apodrepanulatrix liberaria
7058	aerata	6835	armataria
7430	albovittata	7639	atroliturata
6844	alcoolaria	6884	Besma endropiaria
6258	Alsophila pomataria	6885	Besma quercivoraria
7394	alternata	6640	betularia
6838	amicaria	6341	bicolorata
6583	Anacamptodes ephyraia	6342	bisignata
6584	Anacamptodes humari	6640	Biston betularia
6582	Anacamptodes vellivolata	7046	bistriaria
6590	Anavitrinella pampinaria	7437	bruceata
7638	anguilineata	6677	Cabera erythemaria
6867	angustiorata	6678	Cabera variolaria
6987	Antepione thisoaria	6964	cachexiata
7329	Anticlea vasiliata	7425	cambrica

6796	Campaea perlata	6292	exauspicata
6620	canadaria	7206	explanata
6906	canosaria	7388	ferrugata
6867	Caripeta angustiorata	6348	fissinotata
6863	Caripeta divisata	6812	fritillaria
6864	Caripeta piniata	6668	glomeraria
7416	centrostrigaria	6405	gnophosaria
6835	Cepphis armataria	7197	gracilineata
7071	chloroleucaria	6352	granitata
7071	Chlorochlamys chloroleucaria	7146	grataria
7182	citrata	6815	Gueneria similaria
7638	Cladara angulinea	7146	Haematopsis grataria
7639	Cladara atroliturala	6261	Heliomata cycladata
7637	Cladara limitaria	7189	hersiliata
6966	clemataria	6812	Homochlodes fritillaria
7428	comptaria	6753	honestaria
6941	confusaria	7445	Horisme intestinata
6299	coortaria	6599	hortaria
7290	Coryphista meadii	6754	hubneraria
6597	crepuscularia	6584	humaria
6963	crocillata	7422	Hydrelia inornata
6261	cycladata	7292	Hydria prunivorata
7139	Cyclophora pendulinaria	7235	Hydriomena divisaria
7114	demissaria	7236	Hydriomena renunciata
7204	destinata	7237	Hydriomena transfigurata
6820	determinata	6654	Hypagyrtis unipunctata
6807	detersata	6826	hypocharia
6336	distribuaria	7114	Idaea demissaria
7196	diversilineata	6819	inatoma
7235	divisaria	6825	indelinata
6863	divisata	7169	inductata
6822	duaria	7422	inornata
7648	Dyspteris abortivaria	7455	intestinata
7182	Dysstroma citrata	7132	insulsaria
7189	Dysstroma hersiliata	6739	irridaria
6597	Ectropis crepuscularia	6299	Itame coortaria
6728	effecta	6278	Itame evagaria
6884	endropiaria	6292	Itame exauspicata
6797	Ennomos magnaria	6279	Itame occiduaris
6798	Ennomos subsignaria	6273	Itame pustularia
6583	ephyaria	6274	Itame ribearia
6599	Epimecis hortaria	6729	johnsonaria
7394	Epirrhoe alternata	6841	kuetzingi
6665	Erannis tiliaria	7368	labradorensis
6677	erythemaria	7390	lacustrata
7440	Eubaphe mendica	7173	Leptostales pannaria
6728	Euchlaena effecta	6693	liberaria
6739	Euchlaena irraria	7009	limbata
6729	Euchlaena johnsonaria	7159	limboundata
6725	Euchlaena muzaria	7637	limitaria
6724	Euchlaena serrata	7640	Lobophora nivigerata
6638	Eufidonia notataria	6668	Lomographa glomeraria
6965	Eugonbapta nivosaria	6667	Lomographa vestaliata
7204	Eulithis destinata	6651	Lycia ursaria
7196	Eulithis diversilineata	6720	Lytrosis unitaria
7197	Eulithis gracilineata	6912	macularia
7201	Eulithis testata	6797	magnaria
7474	Eupithecia miserulata	7312	magnoliata
7605	Eupithecia ravocostaliata	7290	meadii
7399	Euphyia unangulata	6620	Melanolophia canadaria
6941	Eusarca confusaria	6621	Melanolophia signataria
6966	Eutrapela clematari	6397	mellistrigata
6278	evagaria	7440	mendica

7307	Mesoleuca ruficollata	66274	ribearia
6820	Metanema determinata	7047	rubrifrontaria
6819	Metanema inatomaria	7307	ruficollata
6822	Metarranthis duaria	6326	Semiothisa aemulataria
6826	Metarranthis hypocharia	6341	Semiothisa bicolorata
6825	Metarranthis indeclinata	6342	Semiothisa bisignata
6827	Metarranthis refractaria	6636	Semiothisa distribuaria
7048	mimosaria	6348	Semiothisa fissinotata
6340	minorata	6405	Semiothisa gnophosaria
7474	miserulata	6352	Semiothisa ranitata
7330	multiferata	6397	Semiothisa mellistrigata
6725	muzaria	6340	Semiothisa minorata
6763	Nacophora quernaria	6386	Semiothisa ocellinata
7009	Nematocampa limbata	6361	Semiothisa orillata
7046	Nemoria bistriaria	6347	Semiothisa pinisrobata
7048	Nemoria mimosaria	6343	Semiothisa sexmaculata
7047	Nemoria rubrifrontaria	6344	Semiothisa signaria
6906	Nepytia canosaria	7169	Scopula inductata
7640	nivigerata	7159	Scopula limboundata
6965	nivosaria	6840	serinaria
6638	notataria	6724	serrata
7414	obstipata	6343	sexmaculata
6279	occiduaris	6912	Sicya macularia
6386	ocellinata	6344	signaria
6974	olyzonaria	6621	signataria
7437	Operophtera bruceata	6815	similaria
6361	orillata	6743	sospeta
7414	Orthonama obstipata	7312	Spargania magnoliata
6662	Paleacrita vernata	6660	strignataria
6590	pampinaria	6804	subaequaria
7173	pannaria	6798	subsignaria
6974	Patalene olyzonaria	7058	Synchlora aerata
7139	pendulinaria	6807	Tacparia detersata
6796	perlata	7201	testata
6753	Pero honestaria	6964	Tetracis cachexiata
6754	Pero hubneraria	6963	Tetracis crocallata
6804	Petrophora subaequaria	6987	thisoaria
6660	Phigalia strignataria	6665	tiliaria
6658	Phigalia titea	6658	titea
6842	phlogosaria	7237	transfigurata
6864	piniata	6982	transversata
6347	pinistrobata	7430	Trichodezia albobittata
6844	Plagodis alcoolaria	7399	unangulata
6841	Plagodis kuetzingi	6654	unipunctata
6842	Plagodis phlogosaria	6720	unitaria
6840	Plagodes serinaria	6651	ursaria
7132	Pleuroprucha insulsaria	6740	urticaria
6258	pometaria	6678	variolaria
6598	porcelaria	7329	vasiliataa
6838	Probole amicaria	6582	vellivolata
6982	Prochoerodes transversata	7425	Venusia cambrica
6270	Protitame virginalis	7428	Venusia comptaria
6598	Protoboarmia porcelaria	6662	vernata
7292	prunivorata	6667	vestaliata
6273	pustularia	6270	virginalis
8885	quercivoraria	7388	Xanthorhoe ferrugata
6763	quernaria	7368	Xanthorhoe labradorensis
7606	ravocostaliata	7390	Xanthorhoe lacustrata
6827	refractaria	6740	Xanthotype urticaria
7236	renunciata	6743	Xanthotype sospeta

LASIOCAMPIDAE

7687	americana	7698	Malacosoma disstria
7701	americanum	7687	Phyllodesma americana
7698	disstria	7673	Tolyte laricis
7673	laricis	7670	Tolyte vellea
7701	Malacosoma americanum	7670	velleda

LYMANTRIIDAE

8302	Dasychira obliquata	8318	Lymantria dispar
8314	definita	8302	obliquata
8318	dispar	8314	Orygia definita
8316	leucostigma	8316	Orygia leucostigma

MIMALLONIDAE

7659	chiridota	7659	Lacosoma chiridota
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NOCTUIDAE

11029	Abagrotis alternata	9468	aerata
8445	abalienalis	8898	aerea
8881	Abrostola urentis	8896	aeroides
8357	absorptalis	9254	afflicta
10518	Achatia distincta	8889	Agrapha oxygramma
9520	Achatodes zeae	9284	Agriopodes teratophora
9254	Acronicta afflicta	9367	Agroperina dubitans
9200	Acronicta americana	9373	Agroperina helva
9252	Acronicta caesarea	9372	Agroperina lutosa
9219	Acronicta connecta	10648	Agrotis glandiaria
9203	Acronicta dactylina	10663	Agrotis ipsilon
9245	Acronicta haesitata	10651	Agrotis venerabilis
9248	Acronicta hamamelis	10641	Agrotis vetusta
9229	Acronicta hasta	10659	Agrotis volubilis
9257	Acronicta impleta	8554	Alabama argillacea
9261	Acronicta impressa	9048	albidula
9250	Acronicta inclarata	10807	albipennis
9249	Acronicta increta	10436	Aletia oxygala
9207	Acronicta innotata	9351	alia
9237	Acronicta interrupta	8939	alias
9227	Acronicta laetifica	9998	algens
9205	Acronicta lepusculina	8898	Allagrapha aerea
9238	Acronicta lobeliae	11029	alternata
9236	Acronicta morula	10491	alutina
9259	Acronicta noctivaga	9314	Alypia octomaculata
9272	Acronicta obliquata	9891	amanda
9243	Acronicta ovata	8834	amatrix
9240	Acronicta pruni	8393	ambigua
9251	Acronicta retardata	8322	americalis
9258	Acronicta sperata	9200	americana, Acronicta
9235	Acronicta spinigera	9457	americana, Amphipoea
9226	Acronicta superans	8878	amica
10942	adela	9818	Amolita fessa
10067	Adita chionanthi	9457	Amphipoea americana
10942	adjuncta	9456	Amphipoea interoceanica
8386	adspersigillus	9454	Amphipoea velata
8323	aemula	9640	Amphipyra glabella

9638	<i>Amphipyra pyramidoides</i>	10950	<i>bicarnea</i>
9639	<i>Amphipyra tragopoginis</i>	9957	<i>bicolorago</i>
8923	<i>ampla</i>	8907	<i>biloba</i>
9348	<i>amputatrix</i>	8727	<i>bistriaris</i>
9070	<i>Amyna octo</i>	8443	<i>bizugalis</i>
8924	<i>Anagrapha falcifera</i>	8867	<i>blandula</i>
11000	<i>Anaplectoides prasina</i>	8370	<i>Bleptina caradrinalis</i>
11001	<i>Anaplectoides pressus</i>	8445	<i>Bomolocha abalienalis</i>
9962	<i>Anathix puta</i>	8450	<i>Bomolocha atomaria</i>
9961	<i>Anathix ralla</i>	8442	<i>Bomolocha baltimoralis</i>
8397	<i>angulalis</i>	8443	<i>Bomolocha bizugalis</i>
8545	<i>Anomis erosa</i>	8446	<i>Bomolocha deceptalis</i>
9910	<i>antennata</i>	8452	<i>Bomolocha edictalis</i>
8574	<i>Anticarsia gemmatalis</i>	8447	<i>Bomolocha madefactalis</i>
8775	<i>antinympa</i>	8441	<i>Bomolocha manalis</i>
9351	<i>Apamea alia</i>	8444	<i>Bomolocha palparia</i>
9348	<i>Apamea amputrix</i>	8448	<i>Bomolocha sordidula</i>
9329	<i>Apamea cariosa</i>	10812	<i>bostoniensis</i>
9331	<i>Apamea cristata</i>	9998	<i>Brachylomia algens</i>
9364	<i>Apamea finitima</i>	9415	<i>bridghami</i>
9362	<i>Apamea indocilis</i>	8817	<i>briseis</i>
9360	<i>Apamea impulsa</i>	11006	<i>brunneicollis</i>
9333	<i>Apamea lignicolora</i>	8738	<i>Caenurgina crassiusculi</i>
9328	<i>Apamea nigrior</i>	8739	<i>Caenurgina erechtea</i>
9344	<i>Apamea plutonia</i>	9252	<i>caesarea</i>
9326	<i>Apamea verbascoides</i>	9815	<i>calami</i>
9332	<i>Apamea vulgaris</i>	9633	<i>Callopietria cordata</i>
9341	<i>Apamea vultuosa</i>	9631	<i>Callopietria mollissima</i>
9057	<i>apicosa</i>	8536	<i>canadensis</i>
9451	<i>Archanara laeta</i>	9090	<i>candefacta</i>
9449	<i>Archanara oblonga</i>	9059	<i>Capis curvata</i>
9450	<i>Archanara subflava</i>	8832	<i>cara</i>
11128	<i>arcigera</i>	8370	<i>caradrinalis</i>
9471	<i>arctivorens</i>	9329	<i>cariosa</i>
8554	<i>argillacea</i>	8588	<i>carneicosta</i>
8649	<i>Ascalapha odorata</i>	10540	<i>carneola, Homorthodes</i>
10200	<i>asteroides</i>	9053	<i>carneola, Lithacodia</i>
10297	<i>atlantica</i>	10033	<i>Catabena lineolata</i>
8450	<i>atomaria</i>	8536	<i>Calyptra canadensis</i>
8591	<i>atomaris</i>	8834	<i>Catocala amatrix</i>
8973	<i>australis</i>	8878	<i>Catocala amica</i>
8923	<i>Autographa ampla</i>	8775	<i>Catocala antinympa</i>
8907	<i>Autographa biloba</i>	8867	<i>Catocala blandula</i>
8912	<i>Autographa mappa</i>	8817	<i>Catocala briseis</i>
8908	<i>Autographa precationis</i>	8832	<i>Catocala cara</i>
10955	<i>badinodes</i>	8802	<i>Catocala cerogama</i>
10059	<i>badistriga</i>	8851	<i>Catocala coccinata</i>
8973	<i>Baileya australis</i>	8833	<i>Catocala concumbens</i>
8971	<i>Baileya dormitans</i>	8858	<i>Catocala crataegi</i>
8969	<i>Baileya doubledayi</i>	8773	<i>Catocala epione</i>
8972	<i>Baileya levitans</i>	8847	<i>Catocala gracilis</i>
8970	<i>Baileya ophthalmica</i>	8864	<i>Catocala grynea</i>
9902	<i>baileyi</i>	8778	<i>Catocala habilis</i>
8897	<i>balluca</i>	8801	<i>Catocala illia</i>
9664	<i>Balsa labecula</i>	8770	<i>Catocala innubens</i>
9662	<i>Balsa malana</i>	8781	<i>Catocala judith</i>
9663	<i>Balsa tristigella</i>	8822	<i>Catocala meskei</i>
8442	<i>baltimoralis</i>	8876	<i>Catocala micronympha</i>
9485	<i>baptisiae</i>	8863	<i>Catocala mira</i>
8956	<i>basalis</i>	8798	<i>Catocala neogama</i>
9046	<i>bellicula</i>	8784	<i>Catocala obscura</i>
9525	<i>Bellura obliqua</i>	8795	<i>Catocala palaeogama</i>
9545	<i>benesimilis</i>	8806	<i>Catocala parva</i>
9887	<i>bethunei</i>	8771	<i>Catocala piatrix</i>

8865	Catocala praeclara	9203	dactylina
8803	Catocala relictata	8446	deceptalis
8785	Catocala residua	10755	declarata
8788	Catocala relecta	9946	decliva
8779	Catocala serena	9549	decolor
8873	Catocala similis	8490	decoloralis
8797	Catocala subnata	9626	delicata
8857	Catocala ultronia	10942.1	dolosa
8805	Catocala unijuga	9189	deridens
10994	Cerastis tenebrifera	10838	detersa
9062	cerintha	10288	detracta
9062	Cerma cerintha	9382	devastator
8802	cerogama	9939	devia
9950	Chaetagnalea sericea	8896	Diachrysia aeroides
9433	chagnoni	8897	Diachrysia balluca
9189	Charadra deridens	10919	Diarsia juncunda
10067	chionanthi	10431	diffusa
9402	chlorostigma	9429	digitalis
8904	Chrysanymphe formosa	9065	diphtheroides
8355	Chytolita morbidalis	9560	Dipterygia rozmani
8356	Chytolita petrealis	8499	discalis
9556	Chytonix palliatricula	10223	Discestra trifolii
9957	Chytonix sensilis	8381	discoloralis
9720	cinereola	9892	disposita
9491	circumlucens	10518	distincta
8592	Cissusa spadix	9427	diversicolor
9930	citrombra	10513	dolosa
10926	clandestina	8971	dormitans
9396	claudens	8969	doubledayi
8851	coccinata	9367	dubitans
10954	collaris	8703	duplicata
8411	Colobochyla interpuncta	8452	edictalis
9184	Colocasia flavicornis	8455	eductalis
9185	Colocasia propinquilinea	10513	Egira dolosa
10447	commoides	9681	Elaphria festivoides
8534	compressipalpis	9684	Elaphria grata
8833	concupiens	10012	electilis
10266	confusa	9549	Enargia decolor
10521	congermana	9550	Enargia infumata
9219	connecta	9551	Enargia mephisto
8952	contexta	8905	Eosphropteryx thyatyroides
10202	convexipennis	9946	Epiglaea decliva
10016	Copipanolis styracis	9309	epimenis
10021	Copivaleria grotei	8773	epione
9633	cordata	9095	erastrides
9815	Cosmia calami	8739	erectea
9661	Crambodes talidiformis	9396	Eremobina claudens
8738	crassiuscula	8545	erosa
8858	crataegi	10903	Euagrotis illapsa
10585	crenolata	9952	Eucirroedia pampina
9331	cristata	8731	Euclidia cuspidata
10501	Crocigrapha normani	9301	Eudryas grata
8351	cruralis	9299	Eudryas unio
9382	Crymodes devastator	11007	Eueretagtrotis sigmoides
10200	Cucullia asteroides	8363	eumelusalis
10202	Cucullia convexipennis	8719	Euparthenos nubilis
10197	Cucullia florea	9545	Euplexia benesimilis
10194	Cucullia intermedia	9939	Eupsilia devia
10198	Cucullia postera	9936	Eupsilia morrisoni
10190	Cucullia speyeri	9933.1	Eupsilia sidus
9059	curvata	9935	Eupsilia tristigmata
9874	curvimacula	9933	Eupsilia vinulenta
8731	cuspidata	10929	Eurois oculata
10587	cynica	8968	Eutelia pulcherrima

10012	Eutotype electilis	9285	hebraeicum
10014	Eutotype rolandi	8704	helata
10807	Euxoa albipennis	11072	Heliothis phyloxiphagus
10812	Euxoa bostoniensis	11071	Heliothis virescens
10755	Euxoa declarata	11068	Heliothis zea
10838	Euxoa detersa	9453	Helotropha reniformis
10705	Euxoa messoria	9373	helva
10805	Euxoa tessellata	9893	hemina
10803	Euxoa velleripennis	9280	henrici
10520	evicta	11010	Heptagrotis phyllophora
9501	eupatorii	10676	herilis
9408	exhausta	9929	hesperidago
8379	factiosalis	10495	hibisci
9917	fagina	10502	Himella intractata
9629	Fagitana littera	9881	hircina
8924	falcifera	9881	Homoglaea hircina
10431	Faronta diffusa	10059	Homohadena badistriga
10680	Feltia geniculata	9057	Homophoberia apicosa
10676	Feltia herilis	10540	Homorthodes carneola
10670	Feltia jaculifera	10532	Homorthodes furfurata
10674	Feltia subgothica	8357	Hormisa absorptalis
10675	Feltia tricola	8360	Hormisa orciferalis
10007	Feralia major	8717	horrida
9818	fessa	8461	humuli
9681	festivoides	9513	Hydracia immanis
9364	finitima	8461	Hypena humuli
10997	fishii	9578	Hyppa xylinoides
9184	flavicornis	8323	Idia aemula
8384.1	flavipunctalis	8322	Idia americana
10197	floreana	8334	Idia lubricalis
11164	florida	8326	Idia rotundalis
8904	formosa	8801	ilia
9406	fractilinea	10903	illapsa
9193	frater	10276	imbrifera
8385	fraternalis	9513	immanis
8975	frigidana	9473	impecuniosa
9666	frugiperda	9257	impleta
8418	fuliginaria	9261	impressa
9495	furcata	9360	impulsa
9182	furcilla	9250	inclara
10532	furfurata	8890	includens
8692	galbanata	9249	incretata
9688	Galgula partita	9362	indocilis
8574	gemmatilis	10459	inermis
10680	geniculata	8413	inexplicata
9640	glabella	8955	inficita
10648	gladiaria	9950	infumata
10289	goudelli	9888	innominata
8847	gracilis	9207	innotata
8641	grandirena	8770	innubens
10300	grandis	10449	insueta
10928	Graphiphora haruspica	10914	intermedia
9684	grata, Elaphria	9456	interoceanica
9301	grata, Eudryas	8411	interpuncta
10021	grotei, Copivaleria	9237	interrupta
9915	grotei, Lithophane	10502	intractata
8864	grynea	9483	inquaesita
8778	habilis	9943	inulta
9245	haesitata	9555	Ipimorpha pleonectusa
9248	hamamelis	10663	ipsilon
8365	hanhami	9546	iris
9286	Harrismemna trisignata	8352	jacchusalis
10928	haruspica	10670	jaculifera
9229	hasta	10919	jucunda

8781	judith	8334	lubricalis
9664	labecula	8689	lunata
10405	Lacinipolia lorea	8713	lunifera
10368	Lacinipolia meditata	9391	Luperina passer
10406	Lacinipolia olivacea	9372	lutosa
10397	Lacinipolia renigera	10301	lutra
9451	laeta	11117	lynx
9227	laetifica	9452	Macronoctua onusta
8345	laevigata	9419	mactata
10446.1	lapidaria	8447	madefactalis
10297	Lancanobia atlantica	9637	Magusa orbifera
10300	Lancanobia grandis	10007	major
10307	Lancanobia lilacina	9662	malana
10301	Lancanobia lutra	8441	manalis
10299	Lancanobia subjuncta	8912	mappa
8364	larentiodies	8956	Marathyssa basalis
10291	latex	8955	Marathyssa inficita
8393	Lascoria ambigualis	9492	marginidens
9914	laticinerea	10368	meditata
8743	latipes	10292	Melanchra adjuncta
9664	labecula	10293	Melanchra picta
8491	Ledaea perditalis	9551	mephisto
10304	legitima	9427	Meropleon diversicolor
9429	Lemmeria digitalis	8499	Metalectra discalis
9205	lepusculina	8500	Metalectra quadrisignata
10447	Leucania commoides	10997	Metalepsis fishii
10459	Leucania inermis	10996	Metalepsis salicarum
10449	Leucania insueta	9943	Metaxaglaea inulta
10446.1	Leucania lapidaria	8362	metonalis
10446	Leucania multilinea	8822	meskei
10444	Leucania phragmatidicola	10705	messoria
10462	Leucania pseudargyria	8707	metatoides
10461	Leucania ursula	8876	micronympha
9065	Leuconycta diphteroides	8697	minerea
8972	levitans	10524	minians
8555	libatrix	9647	miranda
9333	lignicolora	8863	mira
10307	lilacina	9619	miselioides
10033	lineolata	8743	Mocis latipes
9048	Lithacodia albidula	9404	modica
9046	Lithacodia bellicula	9631	mollissima
9053	Lithacodia carneola	8355	morbidalis
9047	Lithacodia muscosula	9936	morrisoni
9051	Lithacodia musta	10521	Morrisonia confusa
9049	Lithacodia synochitis	10520	Morrisonia evicta
9891	Lithophane amanda	9236	morula
9910	Lithophane antennata	10446	multilinea
9902	Lithophane baileyi	9047	muscosula
9887	Lithophane bethunei	9051	musta
9892	Lithophane disposita	8413	Myceterophora inexplicata
9917	Lithophane fagina	9496	nebris
9915	Lithophane grotei	9497	necopina
9893	Lithophane hemina	9582	Nedra ramosula
9888	Lithophane innominata	8798	neogama
9914	Lithophane laticinerea	9490	nepheleptena
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10014	rolandi	8992	triquetrana
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9560	rozmani	9663	tristrigella
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10265	Sideridis rosea	10651	venerabilis
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11007	sigmoides	10641	vetusta
10627	signata	9690	videns
9895	signosa	9933	vinulenta
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9280	Simyra henrici	10659	volubilis
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8448	sordidula	10942	Xestia adela
8592	spadix	10955	Xestia badinodis
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8479	Spargaloma sexpunctata	10954	Xestia collaris
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8692	<i>Zale galbanata</i>	8351	<i>Zanclognatha cruralis</i>
8704	<i>Zale helata</i>	8352	<i>Zanclognatha jacchusalis</i>
8717	<i>Zale horrida</i>	8345	<i>Zanclognatha laevigata</i>
8689	<i>Zale lunata</i>	8353	<i>Zanclognatha ochreipennis</i>
8713	<i>Zale lunifera</i>	8348	<i>Zanclognatha pedipialis</i>
8707	<i>Zale metatoides</i>	8349	<i>Zanclognatha protumnusalis</i>
8697	<i>Zale minerea</i>	11068	<i>zea</i>
8695	<i>Zale undularis</i>	9520	<i>zeae</i>

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7920	<i>angulosa</i>	8017	<i>lignicolor</i>
7951	<i>albifrons</i>	7934	<i>lintneri</i>
7895	<i>albosigma</i>	7999	<i>Lochmaeus bilineata</i>
7901	<i>apicalis</i>	7998	<i>Lochmaeus manteo</i>
8006	<i>badia</i>	7975	<i>Macrurocampa marthesia</i>
7919	<i>basitriens</i>	7998	<i>manteo</i>
7929	<i>bidentata</i>	7975	<i>marthesia</i>
7999	<i>bilineata</i>	7902	<i>ministra</i>
7936	<i>borealis</i>	7941	<i>modesta</i>
7930	<i>caniplaga</i>	7915	<i>Nadata gibbosa</i>
7937	<i>cinerea</i>	7929	<i>Nerice bidentata</i>
7895	<i>Clostera albosigma</i>	7926	<i>Notodonta scitipennis</i>
7901	<i>Clostera apicalis</i>	7983	<i>obliqua</i>
7896	<i>Clostera inclusa</i>	7939	<i>occidentalis</i>
7958	<i>Dasylophia thyatiroides</i>	7924	<i>Odontosis elegans</i>
7902	<i>Datana ministra</i>	8017	<i>Oligocentria lignicolor</i>
7924	<i>elegans</i>	8012	<i>Oligocentria semirufescens</i>
7930	<i>Ellida caniplaga</i>	7920	<i>Peridea angulosa</i>
7921	<i>ferruginea</i>	7919	<i>Peridea basitriens</i>
7936	<i>Furcula borealis</i>	7921	<i>Peridea ferruginea</i>
7937	<i>Furcula cinerea</i>	7922	<i>Pheosia rimosa</i>
7941	<i>Furcula modesta</i>	7922	<i>rimosa</i>
7939	<i>Furcula occidentalis</i>	8006	<i>Schizura badia</i>
7915	<i>gibbosa</i>	8005	<i>Schizura ipomoeae</i>
7934	<i>Gluphisia lintneri</i>	8011	<i>Schizura leptinoides</i>
7931	<i>Gluphisia septentrionis</i>	8007	<i>Schizura unicornis</i>
7994	<i>guttivitta</i>	7926	<i>scitipennis</i>
7994	<i>Heterocampa guttivitta</i>	8012	<i>seminufescens</i>
7983	<i>Heterocampa obliqua</i>	7931	<i>septentrionis</i>
7896	<i>inclusa</i>	7951	<i>Symmerista albifrons</i>
8005	<i>ipomoeae</i>	7958	<i>thyatiroides</i>
8011	<i>leptinoides</i>	8007	<i>unicornis</i>

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7765	<i>angulifera</i>	7767	<i>Hyalophora cecropia</i>
7723	<i>Anisota virginensis</i>	7746	<i>io</i>
7757	<i>Antheraea polyphemus</i>	7758	<i>luna</i>
7746	<i>Automeris io</i>	7757	<i>polyphemus</i>
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7767	<i>cecropia</i>	7723	<i>virginensis</i>

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7771	Agrius cingulata	7827	juglandis
7873	Amphion floridensis	7809	kalmiae
7786	amyntor	7827	Laotloe jugandis
7817	bombycoides	7817	Lapara bombycoides
7786	Ceratomia amyntor	7776	Manduca quinquemaculata
7787	Ceratomia undulosa	7828	modesta
7822	cerisyi	7825	myops
7802	chersis	7885	myron
7771	cingulata	7828	Pachysphinx modesta
7885	Darapsa myron	7859	pandorus
7886	Darapsa pholus	7824	Paonias excaecatus
7884	Darapsa versicolor	7825	Paonias myops
7871	Deidamia inscripta	7886	pholus
7784	Dolba hyloeus	7776	quinquemaculata
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7861	Eumorpha achemon	7821	Smerinthus jamaicensis
7859	Eumorpha pandorus	7870	Sphecodina abbottii
7796	eremitus	7802	Sphinx chersis
7824	excaecatus	7812	Sphinx drupiferarum
7873	floridensis	7796	Sphinx eremitus
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7810	gordius	7809	Sphinx kalmiae
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